## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

## U.S. Patent No. 7,024,381 B1

## EXHIBIT E

CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS
(Part 2)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
| 1. | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campu Video  | 35 U.S.C. § 103 | $N C R$ | Combine conventional brick and mortar video store rental practice with computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental |


|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { businesses to the Internet. Similarities, } \\ \text { relationships, and overlaps between brick-and- } \\ \text { mortar video rental businesses (e.g., } \\ \text { Blockbuster's brick-and-mortar business) and } \\ \text { Internet video rental (e.g., Netflix's prior-art } \\ \text { online rental business) and combined } \\ \text { discussions of them in prior art. (E.g., } \\ \text { BB00008563-64, 00008566, 00008558-60, } \\ \text { 00008970-71,00008590-91, 00008592-93.) } \\ \text { Taking advantage of increased suitability of } \\ \text { DVD format for mail delivery or other } \\ \text { shipment in response to Internet orders and } \\ \text { lower cost of mailing or delivering DVDs in } \\ \text { comparison to videotapes. (E.g., BB00008531- } \\ 32 .) \text { Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |  |$\}$


|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ 00008559,00008563-64 .) \text { Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |  |
| system to determine what to ship to customer. |  |  |  |  |
| Obvious need for subscription service to |  |  |  |  |
| determine, on return of an item, what to ship |  |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |  |
| time identification of additional desired items to |  |  |  |  |
| coincide with rental service's receipt of |  |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |  |
| from limiting customers' ability to list on the |  |  |  |  |
| same site visit when they are identified. |  |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |  |
| service if there are delays providing further |  |  |  |  |
| items. |  |  |  |  |$\}$


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | prior art. (E.g., BB00008587-88, 00008970- <br> 71.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 2. | Multi Video and/or <br> Pop $*$ Card and/or <br> Video Hit and/or | 35 U.S.C. § 103 | Avis | Combine conventional brick and mortar video store rental practice with computer implemented online car rental technologies to improve movie rental business. |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |  |
| relationships, and overlaps between |  |  |  |  |
| subscription and pay-per-item rental services |  |  |  |  |
| and combined discussions of them in prior art. |  |  |  |  |
| Advantages of subscription programs for online |  |  |  |  |
| rentals. Problems and competitive |  |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |  |
| per-item basis by time required for delivery and |  |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |  |
| competitive disadvantages caused for online |  |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |  |
| delivery and return of items by mail or of other |  |  |  |  |
| delivery and return of items. (E.g., |  |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |  |$\}$


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. <br> Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 3. | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campus Video  | 35 U.S.C. § 103 | AudioQueиe and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | Combine conventional brick and mortar video store rental practice with subscription based no late fee practices utilized in audio book and tape rental business to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive <br> disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and |



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| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { (E.g., BB00008550-51, 00008558-60.) } \\ \text { Adding or substituting subscription programs to } \\ \text { or for pay-per-item rental services. Similarities, } \\ \text { relationships, and overlaps between } \\ \text { subscription and pay-per-item rental services } \\ \text { and combined discussions of them in prior art. } \\ \text { Advantages of subscription programs for online } \\ \text { rentals. Problems and competitive } \\ \text { disadvantages caused for online rental on a pay- } \\ \text { per-item basis by time required for delivery and } \\ \text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ \text { 00008559, 00008563-64.) Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |$\}$



EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 5. | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campus Video  | 35 U.S.C. § 103 | Netflix | Combine conventional brick and mortar video store rental practice with Netflix's prior online DVD rental services to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB00008531- <br> 32.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other |


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| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |
| system to determine what to ship to customer. |  |  |  |
| Obvious need for subscription service to |  |  |  |
| determine, on return of an item, what to ship |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |
| time identification of additional desired items to |  |  |  |
| coincide with rental service's receipt of |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |
| from limiting customers' ability to list on the |  |  |  |
| same site visit when they are identified. |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |
| service if there are delays providing further |  |  |  |
| items. |  |  |  |$\}$| Applying methods and technologies used for |
| :--- |
| Aental of other items to rental of videos. |
| Applying methods and technologies used for |
| rental of audio tapes or other audio materials to |
| rental of videos. Similarities, relationships, and |
| overlaps between audio and video rental |
| businesses and combined discussions of them in |
| prior art. (E.g., BB00008587-88, 00008970- |
| 71.$)$ |

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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 6. | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | 35 U.S.C. § 103 | NCR | Combine video rental technology of using computer implemented video rental kiosk machines with computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network to improve movie rental business. <br> Applying computer technology to make retail or |

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| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { rental operations more efficient and capable. } \\ \text { Using the Internet to perform functions of } \\ \text { computer networks, including networks referred } \\ \text { to in the NCR patents. }\end{array}$ |
| Transformation and expansion of "brick-and- |  |  |  |
| mortar" businesses into "dot-com" businesses. |  |  |  |
| Conducting existing pre-Internet businesses on |  |  |  |
| the Internet. Adaptation of brick-and-mortar |  |  |  |
| retail and rental businesses to the Internet. |  |  |  |
| Adaptation of brick-and-mortar video rental |  |  |  |
| businesses to the Internet. Similarities, |  |  |  |
| relationships, and overlaps between brick-and- |  |  |  |
| mortar video rental businesses (e.g., |  |  |  |
| Blockbuster's brick-and-mortar business) and |  |  |  |
| Internet video rental (e.g., Netflix's prior-art |  |  |  |
| online rental business) and combined |  |  |  |
| discussions of them in prior art. (E.g., |  |  |  |
| BB00008563-64, 00008566, 00008558-60, |  |  |  |
| 00008970-71, 00008590-91, 00008592-93.) |  |  |  |
| Taking advantage of increased suitability of |  |  |  |\(\left.\} \begin{array}{l}DVD format for mail delivery or other <br>

shipment in response to Internet orders and <br>
lower cost of mailing or delivering DVDs in <br>
comparison to videotapes. (E.g., BB00008531- <br>
32 .) Use of features of Internet retail sites and <br>
ecommerce businesses for DVD rental. <br>
Similarities, relationships, and overlaps <br>
between Internet retail sites and ecommerce <br>
businesses (e.g., Amazon.com) and DVD rental <br>
and combined discussions of them in prior art.\end{array}\right\}\)

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| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { (E.g., BB00008550-51, 00008558-60.) } \\ \text { Adding or substituting subscription programs to } \\ \text { or for pay-per-item rental services. Similarities, } \\ \text { relationships, and overlaps between } \\ \text { subscription and pay-per-item rental services } \\ \text { and combined discussions of them in prior art. } \\ \text { Advantages of subscription programs for online } \\ \text { rentals. Problems and competitive } \\ \text { disadvantages caused for online rental on a pay- } \\ \text { per-item basis by time required for delivery and } \\ \text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ \text { 00008559, 00008563-64.) Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |$\}$



EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 7. | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | 35 U.S.C. § 103 | Avis | Combine video rental technology of using computer implemented video rental kiosk machines with computer implemented online car rental technologies to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art |


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|  |  |  |  | online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of |


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| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | delivery and return of items by mail or of other delivery and return of items. (E.g., <br> BB00008541-42, 00008563-64, 00008969-71.) |
|  |  |  |  | Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 8. | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | 35 U.S.C. § 103 | AudioQueue and/or <br> BTCC and/or <br> TWB and/or <br> Books on Tape  | Combine video rental technology of using computer implemented video rental kiosk machines with subscription based no late fee practices utilized in audio book and tape rental business to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of |

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| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { computer networks, including networks referred } \\ \text { to in the NCR patents. }\end{array}$ |
| Transformation and expansion of "brick-and- |  |  |  |
| mortar" businesses into "dot-com" businesses. |  |  |  |
| Conducting existing pre-Internet businesses on |  |  |  |
| the Internet. Adaptation of brick-and-mortar |  |  |  |
| retail and rental businesses to the Internet. |  |  |  |
| Adaptation of brick-and-mortar video rental |  |  |  |
| businesses to the Internet. Similarities, |  |  |  |
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| mortar video rental businesses (e.g., |  |  |  |
| Blockbuster's brick-and-mortar business) and |  |  |  |
| Internet video rental (e.g., Netflix's prior-art |  |  |  |
| online rental business) and combined |  |  |  |
| discussions of them in prior art. (E.g., |  |  |  |
| BB00008563-64, 0000856, 00008558-60, |  |  |  |
| 00008970-71, 00008590-91, 00008592-93.) |  |  |  |
| Taking advantage of increased suitability of |  |  |  |
| DVD format for mail delivery or other |  |  |  |
| shipment in response to Internet orders and |  |  |  |
| lower cost of mailing or delivering DVDs in |  |  |  |
| comparison to videotapes. (E.g., BB00008531- |  |  |  |
| 32.$)$ Use of features of Internet retail sites and |  |  |  |$\}$


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further |

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BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 9. | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | 35 U.S.C. § 103 | Morale and/or <br> Saigh and/or <br> Hendricks and/or <br> Ginter  | Combine video rental technology of using computer implemented video rental kiosk machines with digital electronic telecommunication technologies for conducting e-commerce on the Internet to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { discussions of them in prior art. (E.g., } \\ \text { BB00008563-64, 000008566, 00008558-60, } \\ \text { 00008970-71, 00008590-91, 00008592-93.) } \\ \text { Taking advantage of increased suitability of } \\ \text { DVD format for mail delivery or other } \\ \text { shipment in response to Internet orders and } \\ \text { lower cost of mailing or delivering DVDs in } \\ \text { comparison to videotapes. (E.g., BB00008531- } \\ \text { 32.) Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |  |$\}$



|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 10. | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | 35 U.S.C. § 103 | Netflix | Combine video rental technology of using computer implemented video rental kiosk machines with Netflix's prior online DVD rental services to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred |


| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | to in the NCR patents. <br> Transformation and expansion of "brick-and- <br> mortar" businesses into "dot-com" businesses. <br> Conducting existing pre-Internet businesses on <br> the Internet. Adaptation of brick-and-mortar <br> retail and rental businesses to the Internet. <br> Adaptation of brick-and-mortar video rental <br> businesses to the Internet. Similarities, <br> relationships, and overlaps between brick-and- <br> mortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and <br> Internet video rental (e.g., Netflix's prior-art <br> online rental business) and combined <br> discussions of them in prior art. (E.g., <br> BB00008563-64, 00008566, 00008558-60, <br> 00008970-71, 00008590-91, 00008592-93.) <br> Taking advantage of increased suitability of <br> DVD format for mail delivery or other <br> shipment in response to Internet orders and <br> lower cost of mailing or delivering DVDs in <br> comparison to videotapes. (E.g., BB00008531- <br> 32.$)$ Use of features of Internet retail sites and |
| ecommerce businesses for DVD rental. |  |  |  |
| Similarities, relationships, and overlaps |  |  |  |
| between Internet retail sites and ecommerce |  |  |  |
| businesses (e.g., Amazon.com) and DVD rental |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| (E.g., BB00008550-51, 00008558-60.) |  |  |  |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |


| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { Applying methods and technologies used for } \\ \text { rental of other items to rental of videos. } \\ \text { Applying methods and technologies used for } \\ \text { rental of audio tapes or other audio materials to } \\ \text { rental of videos. Similarities, relationships, and } \\ \text { overlaps between audio and video rental } \\ \text { businesses and combined discussions of them in } \\ \text { prior art. (E.g., BB00008587-88, 00008970- } \\ 71 .)\end{array}$ |
| Applying methods and technologies used for |  |  |  |\(\left.\} \begin{array}{l}libraries to rental services. Similarities, <br>

relationships, and overlaps between libraries <br>
and audio and video rental and sales and <br>
combined discussions of them in prior art. <br>

(E.g., BB00008961-62, 00008966-69.)\end{array}\right\}\)| Applying methods and technologies used for |
| :--- |
| subscription video services provided |
| electronically to online subscription with |
| delivery of discs or other physical media by |
| mail or otherwise. Similarities, relationships, |
| and overlaps between electronic transmission of |
| video content and delivery of video content on |
| discs or other physical media. |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |
| 11. | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | 35 U.S.C. § 103 | NCR | Combine library practices having computer implemented subscription based no late fee book-lending programs with computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined |


|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { discussions of them in prior art. (E.g., } \\ \text { BB00008563-64, 000008566, 00008558-60, } \\ \text { 00008970-71, 00008590-91, 00008592-93.) } \\ \text { Taking advantage of increased suitability of } \\ \text { DVD format for mail delivery or other } \\ \text { shipment in response to Internet orders and } \\ \text { lower cost of mailing or delivering DVDs in } \\ \text { comparison to videotapes. (E.g., BB00008531- } \\ \text { 32.) Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |  |$\}$



EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
Page 38 of 193

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 12. | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | 35 U.S.C. § 103 | Avis | Combine library practices having computer implemented subscription based no late fee book-lending programs with computer implemented online car rental technologies to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { to in the NCR patents. } \\ \text { Transformation and expansion of "brick-and- } \\ \text { mortar" businesses into "dot-com" businesses. } \\ \text { Conducting existing pre-Internet businesses on } \\ \text { the Internet. Adaptation of brick-and-mortar } \\ \text { retail and rental businesses to the Internet. } \\ \text { Adaptation of brick-and-mortar video rental } \\ \text { businesses to the Internet. Similarities, } \\ \text { relationships, and overlaps between brick-and- } \\ \text { mortar video rental businesses (e.g., } \\ \text { Blockbuster's brick-and-mortar business) and } \\ \text { Internet video rental (e.g., Netflix's prior-art } \\ \text { online rental business) and combined } \\ \text { discussions of them in prior art. (E.g., } \\ \text { BB00008563-64, 00008566, 00008558-60, } \\ \text { 00008970-71, 00008590-91, 00008592-93.) } \\ \text { Taking advantage of increased suitability of } \\ \text { DVD format for mail delivery or other } \\ \text { shipment in response to Internet orders and }\end{array}$ |
| lower cost of mailing or delivering DVDs in |  |  |  |  |
| comparison to videotapes. (E.g., BB00008531- |  |  |  |  |
| 32.$)$ Use of features of Internet retail sites and |  |  |  |  |
| ecommerce businesses for DVD rental. |  |  |  |  |
| Similarities, relationships, and overlaps |  |  |  |  |
| between Internet retail sites and ecommerce |  |  |  |  |
| businesses (e.g., Amazon.com) and DVD rental |  |  |  |  |
| and combined discussions of them in prior art. |  |  |  |  |
| (E.g., BB0008550-51, 00008558-60.) |  |  |  |  |$\}$

# BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION 

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { Applying methods and technologies used for } \\ \text { rental of other items to rental of videos. } \\ \text { Applying methods and technologies used for } \\ \text { rental of audio tapes or other audio materials to } \\ \text { rental of videos. Similarities, relationships, and } \\ \text { overlaps between audio and video rental } \\ \text { businesses and combined discussions of them in } \\ \text { prior art. (E.g., BB00008587-88, 00008970- } \\ 71 .)\end{array}$ |
| Applying methods and technologies used for |  |  |  |\(\left.\} \begin{array}{l}libraries to rental services. Similarities, <br>

relationships, and overlaps between libraries <br>
and audio and video rental and sales and <br>
combined discussions of them in prior art. <br>

(E.g., BB00008961-62, 00008966-69.)\end{array}\right\}\)| Applying methods and technologies used for |
| :--- |
| subscription video services provided |
| electronically to online subscription with |
| delivery of discs or other physical media by |
| mail or otherwise. Similarities, relationships, |
| and overlaps between electronic transmission of |
| video content and delivery of video content on |
| discs or other physical media. |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |
| 13. | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | 35 U.S.C. § 103 | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | Combine library practices having computer implemented subscription based no late fee book-lending programs with subscription based no late fee practices utilized in audio book and tape rental business to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 00008970-71, 00008590-91, 00008592-93.) <br> Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive <br> disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., <br> BB00008541-42, 00008563-64, 00008969-71.) |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 14. | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | 35 U.S.C. § 103 | Morale and/or <br> Saigh and/or <br> Hendricks and/or <br> Ginter  | Combine library practices having computer implemented subscription based no late fee book-lending programs with digital electronic telecommunication technologies for conducting e-commerce on the Internet to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
Page 47 of 193

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { relationships, and overlaps between } \\ \text { subscription and pay-per-item rental services } \\ \text { and combined discussions of them in prior art. } \\ \text { Advantages of subscription programs for online } \\ \text { rentals. Problems and competitive } \\ \text { disadvantages caused for online rental on a pay- } \\ \text { per-item basis by time required for delivery and } \\ \text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ \text { 00008559, 00008563-64.) Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |
| system to determine what to ship to customer. |  |  |  |$\}$| Obvious need for subscription service to |
| :--- |
| determine, on return of an item, what to ship |
| next. Impracticality of requiring customers to |
| time identification of additional desired items to |
| coincide with rental service's receipt of |
| returned items. Inconvenience and frustration |
| from limiting customers' ability to list on the |
| same site visit when they are identified. |
| Customer dissatisfaction with a subscription |
| service if there are delays providing further |
| items. |



EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

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\text { Page } 49 \text { of } 193
$$

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |
| 15. | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | 35 U.S.C. § 103 | Netflix | Combine library practices having computer implemented subscription based no late fee book-lending programs with Netflix's prior online DVD rental services to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) <br> Taking advantage of increased suitability of |


| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | DVD format for mail delivery or other <br> shipment in response to Internet orders and <br> lower cost of mailing or delivering DVDs in <br> comparison to videotapes. (E.g., BB0008531- <br> 32.) Use of features of Internet retail sites and <br> ecommerce businesses for DVD rental. <br> Similarities, relationships, and overlaps <br> between Internet retail sites and ecommerce <br> businesses (e.g., Amazon.com) and DVD rental <br> and combined discussions of them in prior art. <br> (E.g., BB00008550-51, 00008555-60.) |
| Adding or substituting subscription programs to |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |
| relationships, and overlaps between |  |  |  |
| subscription and pay-per-item rental services |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| Advantages of subscription programs for online |  |  |  |
| rentals. Problems and competitive |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |
| per-item basis by time required for delivery and |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |
| competitive disadvantages caused for online |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |
| delivery and return of items by mail or of other |  |  |  |
| delivery and return of items. (E.g., |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { Obvious need for computerized or online rental } \\ \text { system to determine what to ship to customer. } \\ \text { Obvious need for subscription service to } \\ \text { determine, on return of an item, what to ship } \\ \text { next. Impracticality of requiring customers to } \\ \text { time identification of additional desired items to } \\ \text { coincide with rental service's receipt of } \\ \text { returned items. Inconvenience and frustration } \\ \text { from limiting customers' ability to list on the } \\ \text { same site visit when they are identified. } \\ \text { Customer dissatisfaction with a subscription } \\ \text { service if there are delays providing further } \\ \text { items. }\end{array}$ |  |
| Applying methods and technologies used for |  |  |  |  |$\}$| rental of other items to rental of videos. |
| :--- |
| Applying methods and technologies used for |
| rental of audio tapes or other audio materials to |
| rental of videos. Similarities, relationships, and |
| overlaps between audio and video rental |
| businesses and combined discussions of them in |
| prior art. (E.g., BB00008587-88, 00008970- |
| 71.$)$ |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 16. | $N C R$ | 35 U.S.C. § 103 | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campus Video  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with conventional brick and mortar video store rental practice to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |
| 17. | NCR | 35 U.S.C. § 103 | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with computer implemented video rental kiosk machines to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. <br> Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 00008970-71, 00008590-91, 00008592-93.) <br> Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive <br> disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., <br> BB00008541-42, 00008563-64, 00008969-71.) |


| Short Name | Classification | In Combination with | Motivation for Combination |  |
| :---: | :---: | :---: | :---: | :--- |
|  |  |  |  | $\begin{array}{l}\text { Obvious need for computerized or online rental } \\ \text { system to determine what to ship to customer. } \\ \text { Obvious need for subscription service to } \\ \text { determine, on return of an item, what to ship } \\ \text { next. Impracticality of requiring customers to } \\ \text { time identification of additional desired items to } \\ \text { coincide with rental service's receipt of } \\ \text { returned items. Inconvenience and frustration } \\ \text { from limiting customers' ability to list on the } \\ \text { same site visit when they are identified. } \\ \text { Customer dissatisfaction with a subscription } \\ \text { service if there are delays providing further } \\ \text { items. }\end{array}$ |
| Applying methods and technologies used for |  |  |  |  |$\}$| rental of other items to rental of videos. |
| :--- |
| Applying methods and technologies used for |
| rental of audio tapes or other audio materials to |
| rental of videos. Similarities, relationships, and |
| overlaps between audio and video rental |
| businesses and combined discussions of them in |
| prior art. (E.g., BB00008587-88, 00008970- |
| 71.$)$ |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 18. | $N C R$ | 35 U.S.C. § 103 | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with library practices having computer implemented subscription based no late fee book-lending programs to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of |


| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { computer networks, including networks referred } \\ \text { to in the NCR patents. }\end{array}$ |
| Transformation and expansion of "brick-and- |  |  |  |
| mortar" businesses into "dot-com" businesses. |  |  |  |
| Conducting existing pre-Internet businesses on |  |  |  |
| the Internet. Adaptation of brick-and-mortar |  |  |  |
| retail and rental businesses to the Internet. |  |  |  |
| Adaptation of brick-and-mortar video rental |  |  |  |
| businesses to the Internet. Similarities, |  |  |  |
| relationships, and overlaps between brick-and- |  |  |  |
| mortar video rental businesses (e.g., |  |  |  |
| Blockbuster's brick-and-mortar business) and |  |  |  |
| Internet video rental (e.g., Netflix's prior-art |  |  |  |
| online rental business) and combined |  |  |  |
| discussions of them in prior art. (E.g., |  |  |  |
| BB00008563-64, 0000856, 00008558-60, |  |  |  |
| 00008970-71, 00008590-91, 00008592-93.) |  |  |  |
| Taking advantage of increased suitability of |  |  |  |
| DVD format for mail delivery or other |  |  |  |
| shipment in response to Internet orders and |  |  |  |
| lower cost of mailing or delivering DVDs in |  |  |  |
| comparison to videotapes. (E.g., BB00008531- |  |  |  |
| 32.$)$ Use of features of Internet retail sites and |  |  |  |$\}$


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 19. | $N C R$ | 35 U.S.C. § 103 | Burks and/or <br> Hironori and/or <br> Subler  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with computer systems having memory devices and micro-controllers and computer readable medium to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. <br> Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) |
|  |  |  |  | Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  |  |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 20. | NCR | 35 U.S.C. § 103 | Leason and/or <br> Cook and/or <br> Video Vendor  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with user friendly features for allowing a user to make and update a list of desired and/or reserved items to improve movie rental business. |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |  |
| relationships, and overlaps between |  |  |  |  |
| subscription and pay-per-item rental services |  |  |  |  |
| and combined discussions of them in prior art. |  |  |  |  |
| Advantages of subscription programs for online |  |  |  |  |
| rentals. Problems and competitive |  |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |  |
| per-item basis by time required for delivery and |  |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |  |
| competitive disadvantages caused for online |  |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |  |
| delivery and return of items by mail or of other |  |  |  |  |
| delivery and return of items. (E.g., |  |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |  |$\}$


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 21. | NCR | 35 U.S.C. § 103 | Stein and/or Herz | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with user friendly features for allowing a user to automatically select desired items based on item selection criteria to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and |


|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ 00008559,00008563-64 .) \text { Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |  |
| system to determine what to ship to customer. |  |  |  |  |
| Obvious need for subscription service to |  |  |  |  |
| determine, on return of an item, what to ship |  |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |  |
| time identification of additional desired items to |  |  |  |  |
| coincide with rental service's receipt of |  |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |  |
| from limiting customers' ability to list on the |  |  |  |  |
| same site visit when they are identified. |  |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |  |
| service if there are delays providing further |  |  |  |  |
| items. |  |  |  |  |$\}$

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 22. | NCR | 35 U.S.C. § 103 | Avis | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication |





|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 23. | $N C R$ | 35 U.S.C. § 103 | Bradley and/or <br> Fein and/or <br> TiVo  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with video content storage, distribution and selection technologies used in TV broadcast systems to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on |

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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. <br> Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB00008531- <br> 32.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online |



BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)


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|  | Short Name | Classification | In Combination with |  | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{\|l\|} \hline \text { BTCC } \\ \text { TBW } \\ \text { Books on Tape } \\ \hline \end{array}$ | and/or <br> and/or | ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with subscription based no late fee practices utilized in audio book and tape rental business to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- | \left\lvert\, \(\left.\begin{array}{l}system to determine what to ship to customer. <br>

Obvious need for subscription service to <br>
determine, on return of an item, what to ship <br>
next. Impracticality of requiring customers to <br>
time identification of additional desired items to <br>
coincide with rental service's receipt of <br>
returned items. Inconvenience and frustration <br>
from limiting customers' ability to list on the <br>
same site visit when they are identified. <br>
Customer dissatisfaction with a subscription <br>
service if there are delays providing further <br>

items.\end{array}\right.\right\}\)| Applying methods and technologies used for |
| :--- |
| rental of other items to rental of videos. |
| Applying methods and technologies used for |
| rental of audio tapes or other audio materials to |
| rental of videos. Similarities, relationships, and |
| overlaps between audio and video rental |
| businesses and combined discussions of them in |
| prior art. (E.g., BB00008587-88, 00008970- |
| 71.$)$ |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 25. | NCR | 35 U.S.C. § 103 | Morale and/or <br> Saigh and/or <br> Hendricks and/or <br> Ginter  | Combine computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network with digital electronic telecommunication technologies for conducting e-commerce on the Internet to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. |

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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, |

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(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
| 26. | NCR |  |  | Using PCs over the Internet to perform <br> functions of retail kiosks. |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB00008531- <br> 32.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 27. | Avis | 35 U.S.C. § 103 | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campus Video  | Combine computer implemented online car rental technologies with conventional brick and mortar video store rental practice to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-and- |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | mortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB00008531- <br> 32.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. |


| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { Applying methods and technologies used for } \\ \text { rental of audio tapes or other audio materials to } \\ \text { rental of videos. Similarities, relationships, and } \\ \text { overlaps between audio and video rental } \\ \text { businesses and combined discussions of them in } \\ \text { prior art. (E.g., BB00008587-88, 00008970- } \\ 71 .)\end{array}$ |
| Applying methods and technologies used for |  |  |  |\(\left.\left.\} \begin{array}{l}libraries to rental services. Similarities, <br>

relationships, and overlaps between libraries <br>
and audio and video rental and sales and <br>
combined discussions of them in prior art. <br>
(E.g., BB00008961-62, 00008966-69.)\end{array}\right\} $$
\begin{array}{l}\text { Applying methods and technologies used for } \\
\text { subscription video services provided } \\
\text { electronically to online subscription with } \\
\text { delivery of discs or other physical media by } \\
\text { mail or otherwise. Similarities, relationships, } \\
\text { and overlaps between electronic transmission of } \\
\text { video content and delivery of video content on } \\
\text { discs or other physical media. }\end{array}
$$\right\}\)

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | functions of retail kiosks. |
| 28. | Avis | 35 U.S.C. § 103 | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | Combine computer implemented online car rental technologies with computer implemented video rental kiosk machines to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and |



\left.| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |$\right\}$| Obvious need for subscription service to |
| :--- |
| determine, on return of an item, what to ship |
| next. Impracticality of requiring customers to |
| time identification of additional desired items to |
| coincide with rental service's receipt of |
| returned items. Inconvenience and frustration |
| from limiting customers' ability to list on the |
| same site visit when they are identified. |
| Customer dissatisfaction with a subscription |
| service if there are delays providing further |
| items. |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 29. | Avis | 35 U.S.C. § 103 | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | Combine computer implemented online car rental technologies with library practices having computer implemented subscription based no late fee book-lending programs to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on |

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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

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|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and Internet business. |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |
| 30. | Avis | 35 U.S.C. § 103 | $N C R$ | Combine computer implemented online car |

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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

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EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: |
|  |  |  | system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 31. | Avis | 35 U.S.C. § 103 | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | Combine computer implemented online car rental technologies with subscription based no late fee practices utilized in audio book and tape rental business to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and Internet business. |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |



## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { comparison to videotapes. (E.g., BB00008531- } \\ \text { 32.) Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB0008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |
| relationships, and overlaps between |  |  |  |
| subscription and pay-per-item rental services |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| Advantages of subscription programs for online |  |  |  |
| rentals. Problems and competitive |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |
| per-item basis by time required for delivery and |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |
| competitive disadvantages caused for online |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |
| delivery and return of items by mail or of other |  |  |  |
| delivery and return of items. (E.g., |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |$\}$

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { determine, on return of an item, what to ship } \\ \text { next. Impracticality of requiring customers to } \\ \text { time identification of additional desired items to } \\ \text { coincide with rental service's receipt of } \\ \text { returned items. Inconvenience and frustration } \\ \text { from limiting customers' ability to list on the } \\ \text { same site visit when they are identified. } \\ \text { Customer dissatisfaction with a subscription } \\ \text { service if there are delays providing further } \\ \text { items. }\end{array}$ |  |
| Applying methods and technologies used for |  |  |  |  |
| rental of other items to rental of videos. |  |  |  |  |
| Applying methods and technologies used for |  |  |  |  |
| rental of audio tapes or other audio materials to |  |  |  |  |
| rental of videos. Similarities, relationships, and |  |  |  |  |
| overlaps between audio and video rental |  |  |  |  |
| businesses and combined discussions of them in |  |  |  |  |
| prior art. (E.g., BB00008587-88, 00008970- |  |  |  |  |
| 71.$)$ |  |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 33. | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | 35 U.S.C. § 103 | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campus Video  | Combine subscription based no late fee practices utilized in audio book and tape rental business with conventional brick and mortar video store rental practice to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | disadvantages caused for online rental on a pay- <br> per-item basis by time required for delivery and <br> return of items and related uncertainties. (E.g., <br> BB00008541-42, 00008550-51, 00008555, <br> 00008559, 00008563-64.) Problems and <br> competitive disadvantages caused for online <br> rental on a pay-per-item basis by cost of <br> delivery and return of items by mail or of other <br> delivery and return of items. (E.g., <br> BB00008541-42, 00008563-64, 00008969-71.) |
| Obvious need for computerized or online rental |  |  |  |
| system to determine what to ship to customer. |  |  |  |
| Obvious need for subscription service to |  |  |  |
| determine, on return of an item, what to ship |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |
| time identification of additional desired items to |  |  |  |
| coincide with rental service's receipt of |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |
| from limiting customers' ability to list on the |  |  |  |
| same site visit when they are identified. |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |
| service if there are delays providing further |  |  |  |
| items. |  |  |  |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 34. | AudioQueue and/or <br> BTCC and/or | 35 U.S.C. § 103 | Yoshida and/or <br> Kuriyama and/or | Combine subscription based no late fee practices utilized in audio book and tape rental |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
Page 116 of 193

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}32 .) \text { Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |
| relationships, and overlaps between |  |  |  |
| subscription and pay-per-item rental services |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| Advantages of subscription programs for online |  |  |  |
| rentals. Problems and competitive |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |
| per-item basis by time required for delivery and |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |
| competitive disadvantages caused for online |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |
| delivery and return of items by mail or of other |  |  |  |
| delivery and return of items. (E.g., |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 35. | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | 35 U.S.C. § 103 | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | Combine subscription based no late fee practices utilized in audio book and tape rental business with library practices having computer implemented subscription based no late fee book-lending programs to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | disadvantages caused for online rental on a pay- <br> per-item basis by time required for delivery and <br> return of items and related uncertainties. (E.g., <br> BB00008541-42, 00008550-51, 00008555, <br> 00008559, 00008563-64.) Problems and <br> competitive disadvantages caused for online <br> rental on a pay-per-item basis by cost of <br> delivery and return of items by mail or of other <br> delivery and return of items. (E.g., <br> BB00008541-42, 00008563-64, 00008969-71.) |
| Obvious need for computerized or online rental |  |  |  |
| system to determine what to ship to customer. |  |  |  |
| Obvious need for subscription service to |  |  |  |
| determine, on return of an item, what to ship |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |
| time identification of additional desired items to |  |  |  |
| coincide with rental service's receipt of |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |
| from limiting customers' ability to list on the |  |  |  |
| same site visit when they are identified. |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |
| service if there are delays providing further |  |  |  |
| items. |  |  |  |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combinati |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 36. | AudioQueиe and/or <br> BTCC and/or | 35 U.S.C. § 103 | NCR | Combine subscription based no late fee practices utilized in audio book and tape rental |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: |
|  |  |  | system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 37. | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | 35 U.S.C. § 103 | Avis | Combine subscription based no late fee practices utilized in audio book and tape rental business with computer implemented online car rental technologies to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |  |
| :---: | :---: | :---: | :---: | :--- |
|  |  |  |  | $\begin{array}{l}\text { rental of audio tapes or other audio materials to } \\ \text { rental of videos. Similarities, relationships, and } \\ \text { overlaps between audio and video rental } \\ \text { businesses and combined discussions of them in } \\ \text { prior art. (E.g., BB00008587-88, 00008970- } \\ 71 .)\end{array}$ |
| Applying methods and technologies used for |  |  |  |  |
| libraries to rental services. Similarities, |  |  |  |  |
| relationships, and overlaps between libraries |  |  |  |  |
| and audio and video rental and sales and |  |  |  |  |
| combined discussions of them in prior art. |  |  |  |  |
| (E.g., BB00008961-62, 00008966-69.) |  |  |  |  |\(\left.\} \begin{array}{l}Applying methods and technologies used for <br>

subscription video services provided <br>
electronically to online subscription with <br>
delivery of discs or other physical media by <br>
mail or otherwise. Similarities, relationships, <br>
and overlaps between electronic transmission of <br>
video content and delivery of video content on <br>
discs or other physical media. <br>
Use of standard computer hardware and digital\end{array}\right\}\)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combinatio |
| :---: | :---: | :---: | :---: |
|  |  |  | system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 39. | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | 35 U.S.C. § 103 | Netflix | Combine subscription based no late fee practices utilized in audio book and tape rental business with Netflix's prior online DVD rental services to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. <br> Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. <br> Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 40. | Morale and/or | 35 U.S.C. § 103 | Multi Video and/or | Combine digital electronic telecommunication |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { comparison to videotapes. (E.g., BB00008531- } \\ \text { 32.) Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB0008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |
| relationships, and overlaps between |  |  |  |
| subscription and pay-per-item rental services |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| Advantages of subscription programs for online |  |  |  |
| rentals. Problems and competitive |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |
| per-item basis by time required for delivery and |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |
| competitive disadvantages caused for online |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |
| delivery and return of items by mail or of other |  |  |  |
| delivery and return of items. (E.g., |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 41. | Morale and/or <br> Saigh and/or <br> Hendricks and/or <br> Ginter  | 35 U.S.C. § 103 | Yoshida and/or <br> Kuriyama and/or <br> Koya and/or <br> Crooks and/or <br> Isobe  | Combine digital electronic telecommunication technologies for conducting e-commerce on the Internet with computer implemented video rental kiosk machines to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | disadvantages caused for online rental on a pay- <br> per-item basis by time required for delivery and <br> return of items and related uncertainties. (E.g., <br> BB00008541-42, 00008550-51, 00008555, <br> 00008559, 00008563-64.) Problems and <br> competitive disadvantages caused for online <br> rental on a pay-per-item basis by cost of <br> delivery and return of items by mail or of other <br> delivery and return of items. (E.g., <br> BB00008541-42, 00008563-64, 00008969-71.) |
| Obvious need for computerized or online rental |  |  |  |
| system to determine what to ship to customer. |  |  |  |
| Obvious need for subscription service to |  |  |  |
| determine, on return of an item, what to ship |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |
| time identification of additional desired items to |  |  |  |
| coincide with rental service's receipt of |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |
| from limiting customers' ability to list on the |  |  |  |
| same site visit when they are identified. |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |
| service if there are delays providing further |  |  |  |
| items. |  |  |  |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | otivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 42. | Morale and/or <br> Saigh and/or | 35 U.S.C. § 103 | $\begin{array}{ll}\text { Reference Guide } & \text { and/or } \\ \text { Functional Requirements } & \text { and/or }\end{array}$ | Combine digital electronic telecommunication technologies for conducting e-commerce on the |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 43. | Morale and/or <br> Saigh and/or <br> Hendricks and/or <br> Ginter  | 35 U.S.C. § 103 | $N C R$ | Combine digital electronic telecommunication technologies for conducting e-commerce on the Internet with computer implemented method for ordering and downloading resources/contents based on searching their digital profiles/attributes over a telecommunication network to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and Internet business. |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |



EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

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\left.|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |\(\right\left.] \begin{array}{l}lower cost of mailing or delivering DVDs in <br>

comparison to videotapes. (E.g., BB00008531- <br>
32.) Use of features of Internet retail sites and <br>
ecommerce businesses for DVD rental. <br>
Similarities, relationships, and overlaps <br>
between Internet retail sites and ecommerce <br>
businesses (e.g., Amazon.com) and DVD rental <br>
and combined discussions of them in prior art. <br>
(E.g., BB00008550-51, 00008558-60.)\end{array}\right\}\)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 45. | Netflix | 35 U.S.C. § 103 | Multi Video and/or <br> Pop*Card and/or <br> Video Hit and/or <br> Cine Club and/or <br> Campus Video  | Combine Netflix's prior online DVD rental services with conventional brick and mortar video store rental practice to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |  |
| Adding or substituting subscription programs to |  |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |  |
| relationships, and overlaps between |  |  |  |  |
| subscription and pay-per-item rental services |  |  |  |  |
| and combined discussions of them in prior art. |  |  |  |  |
| Advantages of subscription programs for online |  |  |  |  |
| rentals. Problems and competitive |  |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |  |
| per-item basis by time required for delivery and |  |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |  |
| BB00008541-42,00008550-51, 00008555, |  |  |  |  |
| 0000855, 00008563-64.) Problems and |  |  |  |  |
| competitive disadvantages caused for online |  |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |  |
| delivery and return of items by mail or of other |  |  |  |  |
| delivery and return of items. (E.g., |  |  |  |  |
| BB00008541-42,00008563-64, 00008969-71.) |  |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 47. | Netflix | 35 U.S.C. § 103 | Reference Guide and/or <br> Functional Requirements and/or <br> Maxcess and/or <br> Sirsi and/or <br> Auto Librarian  | Combine Netflix's prior online DVD rental services with library practices having computer implemented subscription based no late fee book-lending programs to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ \text { 00008559, 00008563-64.) Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |  |
| system to determine what to ship to customer. |  |  |  |  |
| Obvious need for subscription service to |  |  |  |  |
| determine, on return of an item, what to ship |  |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |  |
| time identification of additional desired items to |  |  |  |  |
| coincide with rental service's receipt of |  |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |  |
| from limiting customers' ability to list on the |  |  |  |  |
| same site visit when they are identified. |  |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |  |
| service if there are delays providing further |  |  |  |  |
| items. |  |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{aligned} & \text { prior art. (E.g., BB00008587-88, 00008970- } \\ & \text { 71.) } \end{aligned}$ |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and Internet business. |
|  |  |  |  | Using PCs over the Internet to perform functions of retail kiosks. |
| 48. | Netflix | 35 U.S.C. § 103 | $N C R$ | Combine Netflix's prior online DVD rental services with computer implemented method for ordering and downloading resources/contents based on searching their |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | digital profiles/attributes over a telecommunication network to improve movie rental business. |
|  |  |  |  | Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. |
|  |  |  |  | Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) <br> Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB00008531- |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}32 .) \text { Use of features of Internet retail sites and } \\ \text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |
| relationships, and overlaps between |  |  |  |
| subscription and pay-per-item rental services |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| Advantages of subscription programs for online |  |  |  |
| rentals. Problems and competitive |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |
| per-item basis by time required for delivery and |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |
| competitive disadvantages caused for online |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |
| delivery and return of items by mail or of other |  |  |  |
| delivery and return of items. (E.g., |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 49. | Netflix | 35 U.S.C. § 103 | Burks and/or <br> Hironori and/or <br> Subler  | Combine Netflix's prior online DVD rental services with computer systems having memory devices and micro-controllers and computer readable medium to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB00008531- <br> 32.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay- |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { per-item basis by time required for delivery and } \\ \text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ \text { 00008559, 00008563-64.) Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |
| system to determine what to ship to customer. |  |  |  |
| Obvious need for subscription service to |  |  |  |
| determine, on return of an item, what to ship |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |
| time identification of additional desired items to |  |  |  |
| coincide with rental service's receipt of |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |
| from limiting customers' ability to list on the |  |  |  |
| same site visit when they are identified. |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |
| service if there are delays providing further |  |  |  |
| items. |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

\left.| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |$\right]$| businesses and combined discussions of them in |
| :--- |
| prior art. (E.g., BB00008587-88, 00008970- |
| 71. .) |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

\left.| Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |$\right]$| Video Vendor |
| :--- |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { ecommerce businesses for DVD rental. } \\ \text { Similarities, relationships, and overlaps } \\ \text { between Internet retail sites and ecommerce } \\ \text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |  |
| Adding or substituting subscription programs to |  |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |  |
| relationships, and overlaps between |  |  |  |  |
| subscription and pay-per-item rental services |  |  |  |  |
| and combined discussions of them in prior art. |  |  |  |  |
| Advantages of subscription programs for online |  |  |  |  |
| rentals. Problems and competitive |  |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |  |
| per-item basis by time required for delivery and |  |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |  |
| BB00008541-42,00008550-51, 00008555, |  |  |  |  |
| 0000855, 00008563-64.) Problems and |  |  |  |  |
| competitive disadvantages caused for online |  |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |  |
| delivery and return of items by mail or of other |  |  |  |  |
| delivery and return of items. (E.g., |  |  |  |  |
| BB00008541-42,00008563-64, 00008969-71.) |  |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 51. | Netflix | 35 U.S.C. § 103 | Stein and/or Herz | Combine Netflix's prior online DVD rental services with user friendly features for allowing a user to automatically select desired items based on item selection criteria to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | $\begin{array}{l}\text { return of items and related uncertainties. (E.g., } \\ \text { BB00008541-42, 00008550-51, 00008555, } \\ \text { 00008559, 00008563-64.) Problems and } \\ \text { competitive disadvantages caused for online } \\ \text { rental on a pay-per-item basis by cost of } \\ \text { delivery and return of items by mail or of other } \\ \text { delivery and return of items. (E.g., } \\ \text { BB00008541-42, 00008563-64, 00008969-71.) }\end{array}$ |
| Obvious need for computerized or online rental |  |  |  |  |
| system to determine what to ship to customer. |  |  |  |  |
| Obvious need for subscription service to |  |  |  |  |
| determine, on return of an item, what to ship |  |  |  |  |
| next. Impracticality of requiring customers to |  |  |  |  |
| time identification of additional desired items to |  |  |  |  |
| coincide with rental service's receipt of |  |  |  |  |
| returned items. Inconvenience and frustration |  |  |  |  |
| from limiting customers' ability to list on the |  |  |  |  |
| same site visit when they are identified. |  |  |  |  |
| Customer dissatisfaction with a subscription |  |  |  |  |
| service if there are delays providing further |  |  |  |  |
| items. |  |  |  |  |$\}$

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 52. | Netflix | 35 U.S.C. § 103 | Avis | Combine Netflix's prior online DVD rental services with computer implemented online car rental technologies to improve movie rental business. |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | $\begin{array}{l}\text { Motivation for Combination }\end{array}$ |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | $\begin{array}{l}\text { businesses (e.g., Amazon.com) and DVD rental } \\ \text { and combined discussions of them in prior art. } \\ \text { (E.g., BB00008550-51, 00008558-60.) }\end{array}$ |
| Adding or substituting subscription programs to |  |  |  |
| or for pay-per-item rental services. Similarities, |  |  |  |
| relationships, and overlaps between |  |  |  |
| subscription and pay-per-item rental services |  |  |  |
| and combined discussions of them in prior art. |  |  |  |
| Advantages of subscription programs for online |  |  |  |
| rentals. Problems and competitive |  |  |  |
| disadvantages caused for online rental on a pay- |  |  |  |
| per-item basis by time required for delivery and |  |  |  |
| return of items and related uncertainties. (E.g., |  |  |  |
| BB00008541-42, 00008550-51, 00008555, |  |  |  |
| 00008559, 00008563-64.) Problems and |  |  |  |
| competitive disadvantages caused for online |  |  |  |
| rental on a pay-per-item basis by cost of |  |  |  |
| delivery and return of items by mail or of other |  |  |  |
| delivery and return of items. (E.g., |  |  |  |
| BB00008541-42, 00008563-64, 00008969-71.) |  |  |  |$\}$

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on |

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 53. | Netflix | 35 U.S.C. § 103 | Bradley and/or <br> Fein and/or <br> TiVo  | Combine Netflix's prior online DVD rental services with video content storage, distribution and selection technologies used in TV broadcast systems to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., <br> Blockbuster's brick-and-mortar business) and |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other shipment in response to Internet orders and lower cost of mailing or delivering DVDs in comparison to videotapes. (E.g., BB0000853132.) Use of features of Internet retail sites and ecommerce businesses for DVD rental. Similarities, relationships, and overlaps between Internet retail sites and ecommerce businesses (e.g., Amazon.com) and DVD rental and combined discussions of them in prior art. (E.g., BB00008550-51, 00008558-60.) <br> Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555 , 00008559, 00008563-64.) Problems and competitive disadvantages caused for online |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) |
|  |  |  |  | Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  |  |


|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) <br> Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. <br> Use of standard computer hardware and digital media for computerized business operations and Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 54. | Netflix | 35 U.S.C. § 103 | AudioQueue and/or <br> BTCC and/or <br> TBW and/or <br> Books on Tape  | Combine Netflix's prior online DVD rental services with subscription based no late fee practices utilized in audio book and tape rental business to improve movie rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)


## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Adding or substituting subscription programs to or for pay-per-item rental services. Similarities, relationships, and overlaps between subscription and pay-per-item rental services and combined discussions of them in prior art. Advantages of subscription programs for online rentals. Problems and competitive disadvantages caused for online rental on a pay-per-item basis by time required for delivery and return of items and related uncertainties. (E.g., BB00008541-42, 00008550-51, 00008555, 00008559, 00008563-64.) Problems and competitive disadvantages caused for online rental on a pay-per-item basis by cost of delivery and return of items by mail or of other delivery and return of items. (E.g., BB00008541-42, 00008563-64, 00008969-71.) <br> Obvious need for computerized or online rental system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | items. |
|  |  |  |  | Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) |
|  |  |  |  | Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |
|  |  |  |  | Applying methods and technologies used for subscription video services provided electronically to online subscription with delivery of discs or other physical media by mail or otherwise. Similarities, relationships, and overlaps between electronic transmission of video content and delivery of video content on discs or other physical media. |
|  |  |  |  | Use of standard computer hardware and digital media for computerized business operations and |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)
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BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Internet business. <br> Using PCs over the Internet to perform functions of retail kiosks. |
| 55. | Any combination of references cited above | 35 U.S.C. § 103 | Any combination of references cited above | Improving item rental business. <br> Applying computer technology to make retail or rental operations more efficient and capable. Using the Internet to perform functions of computer networks, including networks referred to in the NCR patents. <br> Transformation and expansion of "brick-andmortar" businesses into "dot-com" businesses. Conducting existing pre-Internet businesses on the Internet. Adaptation of brick-and-mortar retail and rental businesses to the Internet. Adaptation of brick-and-mortar video rental businesses to the Internet. Similarities, relationships, and overlaps between brick-andmortar video rental businesses (e.g., Blockbuster's brick-and-mortar business) and Internet video rental (e.g., Netflix's prior-art online rental business) and combined discussions of them in prior art. (E.g., BB00008563-64, 00008566, 00008558-60, 00008970-71, 00008590-91, 00008592-93.) Taking advantage of increased suitability of DVD format for mail delivery or other |

EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION
(U.S. PATENT NO. 7,024,381 B1)


EXHIBIT E: CLASSIFICATIONS, COMBINATIONS AND MOTIVATIONS (Part 2)

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

| Short Name | Classification | In Combination with | Motivation for Combinatio |
| :---: | :---: | :---: | :---: |
|  |  |  | system to determine what to ship to customer. Obvious need for subscription service to determine, on return of an item, what to ship next. Impracticality of requiring customers to time identification of additional desired items to coincide with rental service's receipt of returned items. Inconvenience and frustration from limiting customers' ability to list on the same site visit when they are identified. Customer dissatisfaction with a subscription service if there are delays providing further items. <br> Applying methods and technologies used for rental of other items to rental of videos. Applying methods and technologies used for rental of audio tapes or other audio materials to rental of videos. Similarities, relationships, and overlaps between audio and video rental businesses and combined discussions of them in prior art. (E.g., BB00008587-88, 0000897071.) <br> Applying methods and technologies used for libraries to rental services. Similarities, relationships, and overlaps between libraries and audio and video rental and sales and combined discussions of them in prior art. (E.g., BB00008961-62, 00008966-69.) |

## BLOCKBUSTER'S PRELIMINARY INVALIDITY CONTENTION

(U.S. PATENT NO. 7,024,381 B1)

|  | Short Name | Classification | In Combination with | Motivation for Combination |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | Applying methods and technologies used for <br> subscription video services provided <br> electronically to online subscription with <br> delivery of discs or other physical media by <br> mail or otherwise. Similarities, relationships, <br> and overlaps between electronic transmission of <br> video content and delivery of video content on <br> discs or other physical media. |
| Use of standard computer hardware and digital |  |  |  |  |
| media for computerized business operations and |  |  |  |  |
| Internet business. |  |  |  |  |
| Using PCs over the Internet to perform |  |  |  |  |
| functions of retail kiosks. |  |  |  |  |

