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IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA

NETFLIX, INC., a Delaware corporation,

No. C 06-02361 WHA

Plaintiff,

v.

**CLAIM-CONSTRUCTION
ORDER**

BLOCKBUSTER, INC., a Delaware
corporation,

Defendant.

INTRODUCTION

This is a claim-construction order for United States Patent Nos. 6,584,450 and 7,024,381 asserted herein. This order addresses the seven phrases selected by the parties. A technology tutorial, a full round of briefing, and a claim-construction hearing preceded this order. A tentative claim-construction order issued on February 9, 2007. The order invited parties to submit responses and short proposed edits to the order. Those responses were taken into consideration in this final order.

STATEMENT

Plaintiff Netflix, Inc., is the holder of the two patents in suit, which were drawn to methods for renting items, in particular for ordering digital video discs via the Internet for transmission and return by mail. Netflix's first patent, U.S. Patent No. 6,584,450 ("the '450 patent"), issued on June 23, 2003. Its second patent, U.S. Patent No. 7,024,381 ("the '381 patent"), issued on April 4, 2006. Both patents were assigned to Netflix.

1 Since 1999, Netflix has rented movies on DVDs on a subscription basis through its
2 website, www.netflix.com. The DVDs have been sent and returned by mail. (This case does
3 not involve transmission of digital movie files over the Internet.)

4 Defendant Blockbuster, Inc. has also rented DVDs for many years. Until 2004,
5 Blockbuster's rentals were conducted in traditional brick-and-mortar stores. On August 11,
6 2004, Blockbuster launched "Blockbuster Online," a service which provided for the rental of
7 DVDs over the Internet through its website www.blockbuster.com (Answer ¶ 30).

8 On the day that the '381 patent issued, Netflix filed the instant lawsuit alleging that
9 Blockbuster infringed the two patents. On June 13, 2006, Blockbuster filed its answer and
10 counterclaims. Defendant pleaded the affirmative defenses of inequitable conduct and patent
11 misuse. Blockbuster counterclaimed that Netflix violated Section 2 of the Sherman Antitrust
12 Act by committing knowing and willful fraud on the Patent and Trademark Office when
13 applying for the two patents and by asserting these patents in bad faith in sham litigation. An
14 order dated August 22, 2006, denied Netflix's motion to dismiss the antitrust counterclaims.

15 ANALYSIS

16 1. LEGAL STANDARD.

17 Claim construction is a matter of law to be decided by a judge, not a jury. *Markman v.*
18 *Westview Instruments, Inc.*, 517 U.S. 370, 388 (1996). Courts must give words in the claims
19 their ordinary and customary meaning, which "is the meaning that the term would have to a
20 person of ordinary skill in the art in question at the time of the invention." *Phillips v. AWH*
21 *Corp.*, 415 F.3d 1303, 1312–13 (Fed. Cir. 2005) (en banc).

22 Where this ordinary and customary meaning is not immediately clear, courts must
23 primarily look to intrinsic evidence (*i.e.*, the claims, the specification, and the prosecution
24 history) to determine the meaning. *Id.* at 1314. With respect to the specification, although a
25 difficult task, a court must distinguish "between using the specification to interpret the meaning
26 of a claim and importing limitations from the specification into the claim." *Id.* at 1323. The
27 latter is not permissible.

28

1 Although courts have the discretion to consider extrinsic evidence, including expert and
2 inventor testimony, dictionaries and scientific treatises, such evidence is “less significant than
3 the intrinsic record in determining the legally operative meaning of claim language.” *Id.* at
4 1317 (citation omitted). “The construction that stays true to the claim language and most
5 naturally aligns with the patent’s description of the invention will be, in the end, the correct
6 construction.” *Id.* at 1315. “Nonetheless, any articulated definition of a claim term ultimately
7 must relate to the infringement questions it was intended to answer.” *E-Pass Tech., Inc. v.*
8 *3Com Corp.*, 473 F.3d 1213, 1219 (Fed. Cir. Jan. 12, 2007) (citing *Wilson Sporting Goods Co.*
9 *v. Hillerich & Bradsby Co.*, 442 F.3d 1322, 1326 (Fed. Cir. 2006).

10 2. DISPUTED CLAIM TERMS AND PHRASES.

11 In the fashion in style among patent lawyers, counsel have been unable to agree on any
12 definitions for any term and appear to dispute every term in the patents. Seven phrases have
13 been selected for this proceeding. (All other terms in dispute will be considered before the case
14 goes to the jury.) Those seven terms are: (1) “item rental queue” and “movie rental queue;” (2)
15 “ordered list;” (3) “based upon the order of the list,” “in the desired order,” and “based on the
16 desired order;” (4) “electronically updating;” (5) “computer-implemented method/steps;” (6)
17 “periodic fee;” (7) “item selection criteria,” “movie selection criteria,” and “game selection
18 criteria.”

19 A. “Movie Rental Queue” and “Item Rental Queue.”

20 The meaning of the disputed terms “item/movie rental queue” and “ordered list” are
21 closely related. Both appear in claim 34 of the ’381 patent which recited (col. 15:34–55):

- 22 34. A computer-implemented method for renting movies to customers,
23 the method comprising:
- 24 establishing over the Internet a rental agreement with a customer that
provides for charging the customer a periodic fee;
 - 25 providing electronic digital information that causes one or more attributes
26 of movies to be displayed;
 - 27 establishing, in electronic digital form, from electronic digital
28 information received over the Internet, a *movie rental queue*
associated with a customer comprising an ordered list indicating
two or more movies for renting to the customer;

1 causing to be delivered to the customer up to a specified number of
2 movies based upon the order of the list;
3 in response to one or more delivery criteria being satisfied, if the
4 customer is current on the periodic fee, selecting another movie
5 based upon the order of the list and causing the selected movie to
6 be delivered to the customer; and
7 in response to other electronic digital information received from the
8 customer over the Internet, electronically updating the *movie*
9 *rental queue*.

10 Both disputed terms indicate some kind of sequence from the plain meaning of “ordered” and
11 “queue.” Claim 34 recited “a movie rental queue associated with a customer *comprising* an
12 ordered list indicating two or more movies for renting to the customer.” The word
13 “comprising” indicates that the ordered list must be part of the queue, but the queue may
14 include other things as well.

15 Different factors determine the sequence of items in the “queue” and the “ordered list.”
16 The “queue” may, but does not have to be, the exact order specified by the customer. Claim 39
17 depended from claim 34 and recited (col 16:4–7):

18 39. A computer-implemented method as recited in claim 34, further
19 comprising *determining the order of the two or more movies*
20 *indicated by the movie rental queue* based upon preferences of the
21 customer.

22 As shown above, if the queue were already in order according to the customer’s preference,
23 claim 39 would be redundant. Customer preference is not the only factor at work in ordering
24 the queue.

25 The “ordered list” indicates movies for renting to the customer, but it need not
26 necessarily be in the customer’s preferred order. Claims 1 and 6 of the ’381 patent are
27 illustrative. Claim 1 recited (13:6–23):

28 1. A computer-implemented method for renting movies to customers, the
method comprising:
providing electronic digital information that causes one or more attributes
of movies to be displayed;
establishing, in electronic digital form, from electronic digital
information received over the Internet, a *movie rental queue*
associated with a customer comprising an ordered list indicating
two or more movies for renting to the customer;

1 causing to be delivered to the customer up to a specified number of
2 movies based upon the order of the list;

3 in response to one or more delivery criteria being satisfied, selecting
4 another movie based upon the order of the list and causing the
5 selected movie to be delivered to the customer; and

6 in response to other electronic digital information received from the
7 customer over the Internet, electronically updating the *movie*
8 *rental queue*.

9 Claim 6 depended from claim 1, and recited (13:38–40):

10 6. A computer-implemented method as recited in claim 1, further
11 comprising *determining the order of the two or more movies*
12 *based upon one or more preferences of the customer*.

13 From claim 1, the “two or more movies for renting to the customer” are indicated by the
14 “ordered list.” For claim 5 to add a limitation, two or more movies in the ordered list must be
15 able to be selected by some entity other than the customer. For claim 6 to add a limitation, the
16 ordered list itself must be able to be based on some sequence other than the customer’s
17 preferences. Thus in claim 1, all of the movies in the ordered list need neither be selected by
18 the customer nor placed in order by the customer, though these are both possibilities covered by
19 the claims. The ordered list itself may be, but is not required to be arranged in the customer’s
20 specified order. The ordered list may include items arranged in some other way such as a
21 default order set by a computer. The rental queue has its own sequence which can contain items
22 not found on the “ordered list.” This might occur when the provider adds movies to the
23 customer-associated queue based on the customer’s selected criteria. The queue’s sequence can
24 also take into account other factors such as availability, delivery constraints, preferred customer
25 treatment, demand, and other similar factors. The provider then uses the rental queue to rent
26 items to the customer.

27 **(1). *“Item” and “Movie” Require No Definition.***

28 Turning now to a closer consideration of “item rental queue” and “movie rental queue,”
Blockbuster urges the court to define the terms “movie” and “item.” A district court need not
construe every single disputed word. “Claim construction is a matter of resolution of disputed
meanings and technical scope, to clarify and when necessary to explain what the patentee
covered by the claims, for use in the determination of infringement.” *U.S. Surgical Corp. v.*

1 *Ethicon, Inc.*, 103 F.3d 1554, 1568 (Fed. Cir. 1997). As these are commonly-understood
2 English words, they need no clarification.

3 The term “item” is defined explicitly in the specification of the ’450 patent, which stated
4 “[a]s used herein, the term ‘items’ refers to any commercial goods that can be rented to
5 customers” (col. 4:1–3). Absent that, a juror would still understand through everyday
6 experience that “item” used in this context would not include, for example “cups of coffee”
7 which cannot be rented, but could include “bowling shoes” which can be rented to customers.
8 Jurors would also understand that the term “movie,” as used in the patents, was intended to
9 include media such as documentaries, television series, cartoons, music videos, concert
10 performance films, and instructional and educational programs. This list was recited in claim
11 13 of the ’381 patent (col. 13:59–64).

12 (2). *“Queue” Implies an Order.*

13 For the phrase “rental queue,” the parties have two primary points of contention:
14 whether “queue” implies an order, *i.e.*, sequence of priority, and whether that order is
15 determined by the provider. Netflix defines the term as the “sequence of movies/items used by
16 a rental provider to determine which movies/items to deliver.” Blockbuster contends that this
17 proposed definition conflates the definition of “rental queue” with the concept of “ordered list,”
18 another disputed term. It proposes that “item/movie rental queue” should mean “two or more
19 items/movies for future rental or possible future rental, or the names or other representations of
20 two or more such items/movies.”

21 A “queue” has a commonly-understood meaning, specifically, “a waiting line especially
22 of persons or vehicles” Merriam-Webster, *Ninth New Collegiate Dictionary*, 1984. This
23 definition inherently implies some kind of sequence or order, such as first come, first served.
24 Netflix also cites to a more technical, computer-programming definition of queue, which
25 defined it as “a sequence of stored data programs awaiting processing” (Ramani Decl. Exh. 9).
26 Thus a queue must have some sequence or order; it cannot merely be a group of things as
27 Blockbuster’s proposed definition would suggest.

28

1 The idea that a queue must have some sequence or order finds support in the
2 specification. Specifically, the '450 patent stated that "the one or more item selection criteria
3 provided by customer 102 to provider 104 indicate the particular items that customer 102
4 desires to rent from provider 104. Thus the item selection criteria define a customer-specific
5 order queue that is fulfilled by provider 104" (col. 4:54–58). In that embodiment, movies or
6 items can be added to the queue based on customer selection criteria. The specification does
7 not say precisely the order in which those items were added to the queue. It could be according
8 to some other priority determined by the provider.

9 Blockbuster argues that including some kind of order in the definition of "item/movie
10 rental queue" would render some claims redundant. Specifically, defendant argues that claim
11 39 of the '381 patent would add no limitation if this were the case. It recited (16:4–8):

12 39. A computer-implemented method as recited in claim 34, further
13 comprising determining the order of the two or more movies
14 indicated by the movie rental queue based upon preferences of the
15 customer.

16 This argument, however, disregards the possibility that the provider, in arranging the queue,
17 may take into account different priorities than those used to create the "ordered list." This is
18 supported by the claim language itself. For example, claim 34 of the '381 patent recited "a
19 movie rental queue associated with a customer *comprising* an ordered list indicating two or
20 more movies for renting to the customer." The ordered list is part of the queue but may contain
21 additional items arranged according to some other priority.

22 Finally, Blockbuster argues that the queue cannot have an order because during
23 prosecution of the '450 patent, Neil Hunt, Netflix's CEO and a named inventor on both patents,
24 referred to the queue as establishing a "set" of movies to be rented (Ramani Decl. Exh. 3, ¶ 4).
25 Specifically, the Hunt declared "[t]he pay-per-rental model did not include a mechanism, such
26 as a rental queue, for establishing a set of specified movies from which initial and subsequent
27 movies were rented." Blockbuster argues that this declaration means that the "rental queue" is a
28 "set" which inherently cannot have any order. Hunt's statement does not, however, preclude
the set's having some sequence. Hunt was trying to distinguish his invention from prior art
rental models by showing that his invention did not require the customer to choose the item he

1 or she wanted to rent on the spot; the item would instead be chosen from a preexisting queue.

2 This statement does not mean that a queue has no order whatsoever.

3 **(3). Operation of the Queue.**

4 The next point of dispute is whether the queue must be used *by the provider*. The claims
5 make it clear that the “rental queue” is used to rent items. No further clarification is needed on
6 that point. The claims and specification give less guidance as to whether the *provider* is the one
7 necessarily using the queue. The claims of both patents reveal that the queue is formed, at least
8 in part, from the customer’s input in selecting movies or items. The provider then selects the
9 items to be rented from the queue based on the customer’s input and possibly other factors. For
10 instance, the customer can rank items within the ordered list, but the provider uses the queue to
11 determine which item to send based on availability, or based on which customers have
12 generated the most revenue for them, or any number of other criteria.

13 For example, the specification indicated that customers could select movies that had not
14 yet been released. The customer may state as an item selection criteria that he would like to
15 rent every newly-released movie starring Keanu Reeves. The system would automatically add
16 them to his movie rental queue once they became available. Blockbuster argues that such a
17 system would simply not place those items in any order at all within the queue. Even though
18 those items may not be in a customer-determined order, they would still be arranged in some
19 manner to allow the system to rent items. For instance, they might be placed in order *by the*
20 *system* based on availability, relative popularity, or even a sequence as mundane as alphabetical
21 or chronological order. It would not merely be lumped in at random with the customer’s other
22 selections.

23 At oral argument, Blockbuster contended that availability was the only criteria other
24 than customer preference that was taught or enabled by the specification. It contended that
25 availability cannot truly be a criteria because the provider cannot rent what it does not possess.
26 This neglects the possibility that the system could delay sending the top-ranked item until it
27 is available. For instance, if a customer had selected a certain movie as his top choice but that
28 movie was not available, the system could simply wait until a copy of the customer’s top choice

1 was returned to send that customer the movie. Availability can constitute a criteria for ordering
2 the queue.

3 Accordingly, this order holds that “item/movie rental queue” will mean the sequence
4 from which the provider selects movies or items to be rented. A queue has an order. It includes
5 the ordered list but may also include other items. The queue’s sequence can be determined in
6 part by customer preferences but may also use other priorities such as availability, demand,
7 popularity, and delivery constraints. “Items” and “movies” will be given their common
8 meanings with “items” being limited to those things that can be rented.

9 **B. “Ordered List.”**

10 The term “ordered list” was used in each independent claim of the ’381 patent. For
11 example, claim 14 recited (col. 13:64–14:17):

12 14. A computer-implemented method for renting movies to customers,
13 the method comprising:

14 providing electronic digital information that causes one or more attributes
15 of movies to be displayed;

16 establishing, in electronic digital form, from electronic digital
17 information received over the Internet, a movie rental queue
18 associated with a customer comprising an *ordered list* indicating
19 two or more movies for renting to the customer.

20 causing to be delivered to the customer up to a specified number of
21 movies based upon the order of the list, wherein the customer is
22 not required to return the movies within a specified time
23 associated with delivery;

24 in response to one or more delivery criteria being satisfied, selecting
25 another movie based upon the order of the list and causing the
26 selected movie to be delivered to the customer; and

27 in response to other electronic digital information received from the
28 customer over the Internet, electronically updating the movie
rental queue.

Netflix proposes that the term “ordered list” should mean a “list specifying the customer’s
desired rental order” while Blockbuster contends that it should mean “names or other
representations of two or more items, arranged so that one or more of the items is before or after
one or more other items.”

1 Like all the other disputed terms, “ordered list” has a commonly-understood meaning.
2 Any juror, having likely done grocery shopping in his or her life, is familiar with a list: a series
3 of items. The term “ordered” indicates that the arrangement of items on the list is dictated by
4 some logic, rule, or governing principle. Taken by themselves, these terms are easily
5 understood by the layperson. They need no clarification.

6 The question now becomes whether or not the use of the term “ordered list” in the
7 claims and specification indicates the *customer’s* desired rental order. This order holds that it
8 does not. First, the use of the term within the claims is instructive. As shown above, claim 1
9 recited “a movie rental queue associated with a customer comprising an *ordered list* indicating
10 two or more movies for renting to the customer.” The ordered list is a component of the queue
11 that has its own sequence. Second, as mentioned above, reading the limitation that the ordered
12 list must be according to the customer’s desired order would render claim 6 of the ’381 patent
13 redundant.

14 Patent terms must be construed in light of the invention’s purpose. *Nystrom v. TREX*
15 *Co., Inc.*, 424 F.3d 1136, 1144 (Fed. Cir. 2005). Netflix argues that it would defeat the
16 invention’s purpose if any order other than the one specified by the customer were used in the
17 ordered list. The ’450 patent stated that the invention’s purpose was to ensure that “the greatest
18 number of customers are provided with their most preferred items. For example, customers
19 may specify priorities for the items indicated by the item selection criteria” (col. 11:17–21).
20 This purpose, however, does not absolutely demand that the only sequence in the ordered list is
21 that specified by the customer. The use of the term “may” indicates that the customer has the
22 ability, but is not required, to rank the items in the ordered list in his or her preferred sequence.
23 Indeed, items in the ordered list may merely appear in some computer-assigned default order
24 such as the chronological order in which they were added to the list.

25 Netflix, in its responses to the tentative claim-construction ruling, argues that the
26 ordered list may include items arranged by some default order, however, the items in the list
27 only have an order once the customer looks at them. The customer can either rearrange the
28 items according to his or her preference, or adopt the order in which the items already appeared.

1 Only then after the customer has approved the sequence, Netflix argues, is the “ordered list”
2 truly the claimed ordered list. The specification of the ’381 patent does not teach how the
3 customer handles or interacts with the “ordered list;” it only addresses the queue. This gloss on
4 the Court’s definition of “ordered list” lacks support and will not be adopted.

5 The prosecution history of the ’381 patent also supports this construction. The examiner
6 rejected all pending claims for not meeting the statutory subject matter requirement under 35
7 U.S.C. 101. The applicants overcame the examiner’s rejection by arguing that the useful,
8 tangible result of their invention was to rent movies to customers based on the order of the
9 customer’s preference. That result brought the invention within the scope of the technological
10 arts (Ramani Decl. Exh. 11). As discussed below, plaintiffs distinguish between the use of the
11 term “based on” an “in” when ordering items. Again, the use of the phrase “based on” indicates
12 that the ordered list may reflect the customers preferences exactly, but need not necessarily do
13 so.

14 Finally, Blockbuster argues at length that Netflix’s proposed definition of this term
15 conflates it with the term “movie/item rental queue.” Netflix’s proposed definition of
16 “movie/item rental queue” is “sequence of items/movies used *by a rental provider* to determine
17 which items/movies to deliver.” Both terms refer to a grouping of items placed in some kind of
18 sequence or order. The rental queue reflects the provider’s priorities in addition to customer
19 preferences, while the ordered list includes items for possible rental to the customer, the order
20 of which is determined at least in part by the customer, but may be based on some default order.

21 To borrow from the example Blockbuster used in its brief, the provider could
22 automatically add all adventure movies starring Harrison Ford to the rental queue based on the
23 customer’s selected criteria (’450 patent, col. 8:54–60). The customer can then see that these
24 movies were added to her rental queue and decide that she prefers *The Empire Strikes Back* to
25 *Indiana Jones and the Temple of Doom*. Accordingly, she can place one ahead of the other
26 within the queue set up by the system, resulting in her “ordered list.” She might choose to put
27 them in some order with respect to her other selections. She might also choose to leave *Patriot*
28 *Games*, another selection added to her queue, in the order in which the provider added it. The

1 provider, in selecting a movie to rent, may discover that it has no copies of *Empire Strikes Back*,
2 and will accordingly rearrange the queue to select another movie to rent to the customer.

3 This order holds that the term “ordered list” will be given its plain meaning. The
4 ordered list may be, but is not required to be, ordered precisely according to the customer’s
5 preferences; it could also include some other default order.

6 **C. “Based Upon The Order Of The List,” “Based Upon The Desired
7 Order,” and “In The Desired Order.”**

8 Parties dispute the meaning of the above three terms. Essentially, Blockbuster argues
9 that these three terms are interchangeable in the context of the patents in suit. The first term
10 appeared in claim 14 of the ’381 patent which recited in pertinent part (col. 13:64–14:17):

11 14. A computer-implemented method for renting movies to customers,
the method comprising:

12 providing electronic digital information that causes one or more attributes
13 of movies to be displayed;

14 establishing, in electronic digital form, from electronic digital
information received over the Internet, a movie rental queue
15 associated with a customer comprising an ordered list indicating
two or more movies for renting to the customer;

16 causing to be delivered to the customer up to a specified number of
17 movies based upon the order of the list, wherein the customer is
not required to return the movies within a specified time
18 associated with delivery;

19 in response to one or more delivery criteria being satisfied, selecting
another movie *based upon the order of the list* and causing the
20 selected movie to be delivered to the customer.

21 The second and third terms were used in claims 4 and 5 of the ’450 patent (col. 14:64–15:19):

22 4. A method as recited in claim 1, wherein

23 the one or more item selection criteria indicates a desired order for the
one ore more items that a customer desires to rent,

24 the step of providing to the customer up to a specified number of the one
25 or more items indicated by the one or more item selection criteria
includes providing to the customer up to a specified number of the
26 one or more criteria *in the desired order* indicated by the item
selection criteria; and

1 the step of providing to the customer one or more other items indicated
2 by the one or more item selection criteria includes providing to
3 the customer one or more other items indicated by the one or
4 more selection criteria *in the desired order* indicated by the one or
5 more item selection criteria.

6 5. A method as recited in claim 4, further comprising if a particular item
7 from the one or more items indicated by the one or more item
8 selection criteria is not available, then providing another item
9 from the one or more items *based upon the desired order*
10 indicated by the one or more item selection criteria.

11 Here, Netflix proposes that “based upon the order of the list” should mean “so as to provide the
12 next-available movie in the order specified by the list.” Blockbuster proposes that the same
13 term should mean “in the same sequence as that of the ‘ordered list’ referred to earlier in the
14 claim.” As to “based upon/in the desired order,” Blockbuster argues that both terms should
15 have the same meaning, “in the same sequence in which any person wants the items to be
16 provided.” Netflix proposes that “based upon the desired order” should mean “so as to provide
17 the next-available movie in the rental sequence specified by the customer,” and that “in the
18 desired order” should mean “in the rental sequence specified by the customer.”

19 The question of whether or not the order in the “list” is the customer’s order has already
20 been addressed. As stated above, it may be the customer’s order but need not be so restricted.
21 The real dispute is over the meaning of “in” versus “based upon.” Had the inventors chosen to
22 do so, they could have used the same term, either “in” or “based upon,” in both claims. They
23 did not. The use of two different terms in close proximity gives rise to the inference that two
24 different meanings were intended for the two different terms. *Bancorp Serv., L.L.C. v. Hartford
25 Life Ins.*, 359 F.3d 1367, 1373 (Fed. Cir. 2004). Looking to commonly-understood meanings,
26 “based upon” allows some deviation from the exact, specified order, while “in” requires that the
27 order must be followed. This inference could possibly be defeated, of course, by showing
28 evidence to the contrary. Blockbuster fails to do so.

The use of the terms in the claims is instructive. Claim 4 of the ’450 patent recited “the
step of providing to the customer one or more other items indicated by the one or more item
selection criteria includes providing to the customer one or more other items indicated by the
one or more selection criteria *in the desired order* indicated by the one or more item selection

1 criteria” (col. 15:8–12). Claim 5 depended from claim 4, and recited “further comprising *if a*
2 *particular item from the one or more items indicated by the one or more item selection criteria*
3 *is not available, then providing another item* from the one or more items based upon the desired
4 order indicated by the one or more item selection criteria” (col. 15:13–18). Here, if the first item
5 on the customer’s list was unavailable, the system would select another item from the list.
6 When the provider chooses an item “based upon” the order of the list, the provider does not
7 necessarily follow the list’s precise order.

8 Indeed, if “based upon” and “in” were given the same meaning in these two claims, the
9 provider would have no way to continue renting items to the customer until the first item on the
10 list were available. This reflects the reality that the provider cannot rent what it does not
11 currently have. The specification also supports this construction. The ’381 patent stated
12 “[c]ustomers may specify priorities for the items indicated by the item selection criteria. Thus,
13 if a particular customer’s first choice is not available, or already rented, then the item having the
14 next highest priority can be rented to the particular customer” (col. 11:18–23). Blockbuster’s
15 argument under the written-description requirement of 35 U.S.C. 112, ¶ 1 fails because of this.
16 Blockbuster argues that the specification teaches no other criteria for selecting movies other
17 than those that the customer selected. The above statement shows that this is not the case. The
18 specification explicitly contemplated considering the availability of items before renting them
19 and does not exclude the use of other factors.

20 The requirement that “based upon” necessarily means the next-available item, however,
21 is without support. Reading this limitation into the definition would render claim 5 redundant
22 because the concept of sending the next-available item was specifically recited. Accordingly,
23 this order holds that “based upon the order of the list” allows for some deviation from the exact
24 order of the list. “Based upon” need not be strictly based on availability; it could be based on
25 other factors. “In the desired order” refers to the precise order the customer selected, while
26 “based upon the desired order” allows for some deviation from the desired order that need not
27 be solely based on availability.
28

1 **D. “Electronically Updating.”**

2 This term was used at least once in each independent claim of the ’381 patent. For
3 example, claim 34 recited (col. 15:34–55):

- 4 34. A computer-implemented method for renting movies to customers,
5 the method comprising:
- 6 establishing over the Internet a rental agreement with a customer that
7 provides for charging the customer a periodic fee;
- 8 providing electronic digital information that causes one or more attributes
9 of movies to be displayed;
- 10 establishing, in electronic digital form, from electronic digital
11 information received over the Internet, a movie rental queue
12 associated with a customer comprising an ordered list indicating
13 two or more movies for renting to the customer;
- 14 causing to be delivered to the customer up to a specified number of
15 movies based on the list;
- 16 in response to one or more delivery criteria being satisfied, if the
17 customer is current on the periodic fee, selecting another movie
18 based upon the order of the list and causing the selected movie to
19 be delivered to the customer; and
- 20 in response to other electronic digital information received from the
21 customer over the Internet, *electronically updating* the movie
22 rental queue.

23 The same final limitation appeared in each of the independent claims of the ’381 patent. Netflix
24 and Blockbuster seem to agree that “updating” means “changing.” They part company on the
25 meaning of “electronically.” Specifically, Netflix contends that “electronically,” when read in
26 the context of the claims and the specification, requires that the *provider’s computer* perform
27 the updating function. Blockbuster argues that the updating function can be performed by “any
28 device that uses a flow of electrons in a vacuum, in gaseous media, or in a semiconductor.”

 Here, the independent claims of the ’381 patent are instructive because the phrase was
not used in the specification. The claims indicated that information is received from the
customer. This indicates that the device doing the updating receives information; it does not
address exactly which device performs the updating function.

1 The specification and claims of the '381 patent simply do not teach the requirement that
2 only the provider's computer can be used to update the information. In fact, the specification
3 goes to great lengths to state that (col. 10:12–19):

4 [t]he approach described herein for renting items to customers is applicable to
5 any type of rental application and (without limitation) is *particularly well suited*
6 for Internet-based rental applications for renting movies and music to customers.
7 The invention may be implemented in hardware circuitry, in computer software,
8 or a combination of hardware circuitry and computer software and *is not limited*
9 *to a particular hardware or software implementation.*

10 Other portions of the specification teach a variety of computer hardware and software systems
11 and specifically do not confine the system itself to a computer in any particular location or
12 under any particular entity's control. For instance, the specification contemplates the use of
13 software that could operate on the customer's computer or in some other remote setting.

14 The use of the term in the claims does limit the term “electronically updating” further
15 than what Blockbuster would propose. The claim itself required that the updating be done “in
16 response to other electronic digital information received from the customer over the Internet.”
17 Clearly, the device that performs the function must be able to receive information in this
18 manner. This limitation does not, however, mean that the only device capable of doing so is the
19 provider's computer. Netflix is attempting to confine this phrase to the embodiment of the
20 invention that it practices which is expressly not allowed in claim construction. On the other
21 hand, “electronic” is a commonly-understood word which needs no clarification. Blockbuster's
22 proposed definition's discussion of electrons and vacuums would likely cause more confusion
23 than leaving the term to its common meaning.

24 Accordingly, this order holds that “electronically updating” means changing based on
25 information received from the customer via the Internet using an electronic device.

26 “Electronic” is given its plain-language meaning.

27 **E. “Computer-Implemented Method/Steps.”**

28 The term “computer-implemented method” appeared in the preamble of each of claims
1–43 of the '381 patent. The preamble recited “[a] *computer-implemented method* for renting
movies to customers.” The term “computer-implemented steps” was recited in the preamble of

1 independent claims 1, 16, and 31 of the '451 patent. Each of those claims recited “[a] method
2 for renting items to customers, the method comprising the *computer-implemented steps* of”

3 (1) ***Limiting Claim Preambles.***

4 The first issue is whether the preamble to these claims is limiting. “In general, a
5 preamble limits the invention if it recites essential structure or steps, or if it is ‘necessary to give
6 life, meaning, and vitality’ to the claim. Conversely, a preamble is not limiting where a
7 patentee defines a structurally complete invention in the claim body and uses the preamble only
8 to state a purpose or intended use for the invention.” *Catalina Marketing Int’l, Inc. v.*
9 *Coolsavings.com, Inc.*, 289 F.3d 801, 808 (Fed. Cir. 2002) (internal citations omitted). Clear
10 reliance on the preamble in prosecution history transforms the preamble into a claim limitation
11 because it indicates that the patentee used the preamble to define the claimed invention.
12 *Invitrogen, Corp. v. BioCrest, L.G.*, 327 F.3d 1364, 1367 (Fed. Cir. 2003).

13 The file history of the '381 patent is instructive in this instance. In an office action
14 dated October 29, 2004, the examiner rejected the application under 35 U.S.C. 101 for being
15 drawn to non-statutory subject matter. The examiner explained (Ramani Decl. Exh. 11):

16 In the present case, claims 55–94 only recite an abstract idea. The recited steps
17 of establishing, causing to be delivered, selecting and updating does [sic] not
18 apply, involve, use or advance the technological arts since all of the recited steps
19 can be performed in the mind of the user or by use of a pencil and paper. The
terms “computer-implemented” and “Internet,” as claimed, do not obviate this
line of reasoning . . . The *computer need not be present to execute these steps*,
and if executed may merely be given by hand (digital data) or orally.

20 It is worth noting that the phrase “computer-implemented” was present from the beginning of
21 the prosecution of the '381 patent; it was not added in response to this rejection. The applicants
22 traversed the examiner’s rejection in the remarks saying that the examiner did not heed the
23 express limitation that all steps of the process were performed by a computer. Specifically, they
24 argued (*id.* at Exh. 12):

25 Technology is used to provide electronic digital information that causes
26 attributes of movies to be displayed to the user, to establish multiple, electronic
27 movie rental queues each associated with a particular customer, to store the
28 movie rental queue information, to update the movie rental queue, and to cause
the selection of movies to be delivered to the customer, *all without any human
mediation on the part of the renting enterprise.*

1 With this statement, the applicants disclaimed any inventions teaching the use of anything other
2 than electronic means to carry out the claimed steps.

3 Blockbuster argues that the specifications of both patents show that the method is not
4 limited to rental using computers. They quote ('450 patent at col. 14:24–34; '381 patent at col.
5 12:54–64):

6 In the foregoing specification, the invention has been described as applying to an
7 *implementation anticipating Internet-based ordering and mail or other long-*
8 *distance delivery* of the items, where the special advantages of the method are
9 very attractive. However, the same invention may be applied in a more
10 conventional video, games, or music rental-store setting, where subscription
11 customers may be allowed rentals of a specified number of movies, games, or
12 music selections at any time, and/or in one subscription period, without rental
13 return due dates, in exchange for a periodic rental subscription fee.

14 It is true that Netflix has not limited itself to ordering and delivery over the Internet. The above
15 passage anticipates having the customer input information to the system in ways other than
16 from their *own* computer. It does not indicate that any of the *claimed steps* of selecting items,
17 causing items to be sent, etc., are performed by anything other than a computer. This passage
18 addresses ordering and delivering the items; these are steps performed by the customer, not by
19 the system. Accordingly, this order holds that the preamble reciting “computer-implemented
20 method/steps” adds a limitation to the claims.

21 Blockbuster argues that some of the steps, such as delivery, cannot be performed by a
22 computer, so the preamble should not be held to be a limitation on all of the recited steps.
23 Defendant misstates the claims. Modern technology has of course not developed a computer
24 that can physically deliver a DVD by itself. A computer can, however, *cause* a DVD to be
25 delivered and it can *select* a DVD to be delivered as taught in the '381 patent. It can even
26 *provide* a DVD by giving an order for it to be sent to a customer, as taught in the '450 patent.

27 **(2) Construction.**

28 Secondly, as with the disputed term “electronically updating,” parties disagree over
whether the updating function is performed by the provider’s computer or by some other device
under someone else’s control. As with “electronically updating,” it is clear that the information
is coming in from the customer. The claims and the specification do not make clear that the
steps are being carried out by the provider’s computers. Again, Netflix reads a limitation from

1 its preferred embodiment into the claims. Netflix’s argument omits a crucial step. It contends
2 that because all the steps occur after information is received from a customer, it necessarily
3 follows that the steps are performed by the provider’s computer. The argument fails because
4 the specification and the claims did not exclude the use of all other computers in performing the
5 steps. Accordingly, this order will not import that limitation into the meaning of “computer-
6 implemented.”

7 Finally, Blockbuster argues that the Court should define the term “computer,” another
8 commonly-used word from the English language. As such, the term is understood to mean a
9 programmable device that can electronically process, store and retrieve information. Merriam-
10 Webster, *Ninth New Collegiate Dictionary*, 1984. Blockbuster’s proposed definition would
11 cause more confusion than it would clear up. The above definition of “computer” will be used.
12 “Implemented” is generally understood to mean “carried out” or “accomplished.”

13 Accordingly, this order holds that “computer-implemented” adds a limitation to each
14 element of the claims in which it appears in the preamble. “Computer-implemented” will have
15 its ordinary meaning, but will not be confined to the provider’s computer.

16 **F. “Periodic Fee.”**

17 The term “periodic fee” was used only in claim 34 of the ’381 patent. It recited in
18 pertinent part (col. 15:34–38):

- 19 34. A computer-implemented method for renting movies to customers,
20 the method comprising:
- 21 establishing over the Internet a rental agreement with a customer that
provides for charging the customer a *periodic fee*.
 - 22 providing electronic digital information that causes one or more attributes
of movies to be displayed;
 - 23 establishing, in electronic digital form, from electronic digital
24 information received over the Internet, a movie rental queue
associated with a customer comprising an ordered list indicating
25 two or more movies for renting to the customer;
 - 26 causing to be delivered to the customer up to a specified number of
27 movies based upon the order of the list;
- 28

1 in response to one or more delivery criteria being satisfied, if the
2 customer is current on the *periodic fee*, selecting another movie
3 based upon the order of the list and causing the selected movie to
4 be delivered to the customer;

5 The parties disagree over whether the fee must be associated with the items rented. Blockbuster
6 proposes that “periodic fee” should mean “an amount incurred, paid, or charged at regular
7 intervals for a service — for example, and without limitation, an hourly, daily, monthly, or
8 annual fee.” Netflix contends that the term should mean “fee to be paid per subscription period
9 for the right to rent.” Blockbuster contends that the fee could be for any period of time, while
10 Netflix contends that the fee must be associated with the subscription period.

11 As with all other terms construed in this order, both of these terms are commonly-
12 understood English words. Any juror would understand a “fee” to be an amount charged.
13 “Periodic” means “occurring or recurring at regular intervals.” Merriam-Webster, *Ninth New*
14 *Collegiate Dictionary*, 1984.

15 Netflix argues that the term should be narrowed to indicate that the periodic fee is a
16 subscription fee and that it is paid for the right to rent. The latter requirement is more or less
17 already found in claim 34 as recited above. The paragraph of the claim in which the term
18 “periodic fee” appeared recited “establishing over the Internet a rental agreement.” It is clear
19 from the claim language that the fee is paid for the right to rent items.

20 As to the subscription requirement, plaintiff cites several places in the specification of
21 the '381 patent that refer to a “subscription period,” but none of these passages defined the term
22 “periodic fee,” or specifically required that the fee cannot be separated from the concept of a
23 subscription (col. 6:1–2, 9–10, 32–34, 36–37). The subscription model is an attribute of a
24 preferred embodiment that the plaintiff attempts to read into the claims as an additional
25 limitation.

26 In any event, plaintiff’s proposed definition would add little to the claim. The claim at
27 issue indicated that the periodic fee was not charged per item as in traditional à la carte rental
28 programs. Specifically, claim 34 recited that the customer will only be sent an additional item
if they are current on their periodic fee. That claim separated the concept of the fee, which is
based on time, from sending another item. This order will not go so far as to adopt Netflix’s

1 overly-narrow definition, but it will make clear that the “periodic fee” at issue is not charged
2 per item rented but for a specific time period.

3 Accordingly, this order holds that the term “periodic fee” will have its ordinary
4 meaning, a fee charged or collected at regular intervals, based on time, and not calculated per
5 item rented.

6 **H. “Item Selection Criteria,” “Movie Selection Criteria,” and “Game
7 Selection Criteria.”**

8 These terms were used many times throughout the claims of the ’450 patent, but not the
9 ’381 patent. By way of example, claim 1 recited (14:43–55):

10 1. A method for renting items to customers, the method comprising the
11 computer-implemented step of:

12 receiving one or more *item selection criteria* that indicates two or more
13 items that a customer desires to rent;

14 providing to the customer up to a specified number of the two or more
15 items indicated by the one or more *item selection criteria*; and

16 in response to receiving any of the items provided to the customer,
17 providing to the customer one or more other items indicated by
18 the one or more *item selection criteria*, wherein a total current
19 number of items provided to the customer does not exceed the
20 specified number.

21 The usage of the terms “movie selection criteria” and “game selection criteria” was similar.

22 Claim 31 recited (col. 19:6–19):

23 31. A method for renting movies to customers, the method comprising
24 the computer-implements steps of:

25 receiving one or more *movie selection criteria from a customer* that
26 indicates two or more movies that the customer desires to rent;

27 providing to the customer up to a specified number of the two or more
28 movies indicated by the *one or more movie selection criteria*; and

in response to a return of any of the movies provided to the customer,
providing to the customer one or more other movies indicated by
the one or more *movie selection criteria*, wherein a total current
number of movies provided to the customer does not exceed the
specified number.

Similarly, claim 50 recited in part (col. 21:56–65):

50. A computer-readable medium as recited in claim 36, wherein:

the two or more items are two or more games,

1 the one or more item selection criteria are one or more game selection
2 criteria,

3 the step of receiving one or more item selection criteria that indicates two
4 or more items that a customer desires to rent includes receiving
*one or more game selection criteria that indicates two or more
games that the customer desires to rent.*

5 Netflix proposes that “item/movie/game selection criteria” should mean “characteristics and/or
6 order of items/movies/games desired by the customer.” Blockbuster proposes that the term
7 should mean “any information used to choose a thing (or “item”), regardless of what person or
8 device makes the choice.” The sum of parties’ disagreement is over who or what entity makes
9 choice — Blockbuster maintains that it could be any person or thing, while Netflix requires that
10 it must be the customer.

11 As shown above, the claims use the term in the context of “receiving one or more item
12 selection criteria that indicates one or more items that a *customer* wants to rent.” This shows
13 that the criteria is linked to or reflects the customer’s preferences.

14 Netflix argues that the specification defines the term “item selection criteria” as
15 explicitly being selected by the customer. “[T]he presumption in favor of the ordinary meaning
16 of claim language as understood by one of ordinary skill in the art may be overcome where the
17 patentee chooses to be his or her own lexicographer by clearly setting forth a definition for a
18 claim term in the specification.” *Anchor Wall Sys., Inc. v. Rockwood Retaining Walls, Inc.*, 340
19 F.3d 1298, 1306 (Fed. Cir. 2003). In the specification, Netflix points to language such as “[t]he
20 one or more item selection criteria *provided by the customer* to provider indicate the particular
21 items that customer desires to rent from provider. Thus, the item selection criteria define a
22 customer-specific order queue that is fulfilled by provider” (’450 pat. col. 4:54–58).

23 Additionally, “the item selection criteria indicate items that customer desires to rent from
24 provider” (col. 4:22–23). This seems to make clear that the item selection criteria are chosen by
25 the customer. The specification also distinguishes between the item selection criteria and the
26 actual order in which the items will be sent to the customer. The specification taught that the
27 customer can select categorical criteria, such as movies directed by Wes Andersen, that would
28 select items the customer wanted to rent, but would not put them in the customer’s desired,

1 specified order. Thus, the use of the term in the specification indicated that the customer chose
2 the selection criteria.

3 Blockbuster relies mistakenly on Netflix’s use of the word “may” in conjunction with
4 specifying item selection criteria. For example, they cite that customers “may specify what
5 items to rent using one or more item selection criteria . . .” (’450 patent at col. 4:9–11). This
6 language refers to an embodiment that gives customers the option of selecting criteria that
7 would add groups of items to their queues. Customers may still select items to rent for no other
8 reason than personal whim. The specification simply does not show that the criteria could be
9 selected by any entity other than the customer.

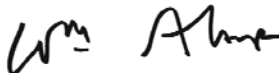
10 Accordingly, “item/movie/game selection criteria” will mean the characteristics used by
11 the customer to select items.

12 **CONCLUSION**

13 This claim-construction ruling will govern subsequent proceedings. The Court has
14 learned the hard way that nuances will emerge in the proper definitions of the foregoing terms
15 that may require slight adjustments as the case progresses into summary judgment and trial.
16 This is not an invitation to re-argue. Please don’t. The Court, however, on its own may adjust
17 its constructions to eliminate unintended distortion or to impose subtle refinements that can
18 only be appreciated in the context of further proceedings.

19
20 **IT IS SO ORDERED.**

21 Dated: February 20, 2007

22 
23 _____
24 WILLIAM ALSUP
25 UNITED STATES DISTRICT JUDGE
26
27
28