

Mirror Worlds, LLC v Apple, Inc.
Civil Action No. 6:08-cv-88 (LED)

EXHIBIT B: DISPUTED TERMS IN MIRROR WORLDS' AND APPLE'S PATENTS

DISPUTED TERMS IN MIRROR WORLDS' PATENTS

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MIRROR WORLDS' PROPOSED CONSTRUCTION	MIRROR WORLDS' SUPPORT ¹
'227-1, 13, and 25	“data unit”	“a collection of data of significance to the user that the user considers as a unit.”	<p>Intrinsic: '227 Specification: Abstract; col. 3, lines 13-29; col. 4, lines 6-30; col. 14, lines 34-37.</p> <p>'227 File History: 3/23/98 Amendment, p. 5. 1/03/98 Office Action, pp. 2-3.</p> <p>5/7/99 Amendment, pp. 10-11, 19-20.</p>
'227-1, 13, 25; '313-1; '427-1, 20-24, 25, 37-39; and '999-1	“stream”	<p>In the '227, '313 and '427 patents:</p> <p>“a time-ordered collection of data units, or documents, unbounded in number, in which the time associated with a data unit can be in the past, present or future, and the location of file storage is transparent to the user”</p> <p>In the '999 patent:</p> <p>“a time-ordered collection of information assets, unbounded in number, in which the time associated with an information</p>	<p>Intrinsic: '227 Specification: Abstract.; col. 1, lines 4-10. col. 2, lines 17-24. col. 2, line 62 - col. 3, line 29. col. 3, lines 62-65. col. 4, lines 6-30. col. 4, lines 35-47. col. 4, lines 62-67. col. 5, line 44 - col. 6, line 7. col. 6, lines 35-36. col. 7, lines 39-63. col. 9, lines 53-67. col. 10, lines 8-15. col. 10, lines 52-57. col. 12, lines 61-64. col. 13, lines 50- col. 14, line 10.</p>

¹ Regarding the intrinsic evidence, all of Mirror Worlds' references to the specification of the '227 patent in this chart apply also to the corresponding portions of the '427 and '313 patents, which are hereby incorporated by reference. Also, regarding extrinsic evidence, Apple stated in its P.R. 4-2 statement that it intends to rely on excerpts from the depositions of Dr. David Gelernter (an inventor of the Mirror Worlds' patents) and Dr. Nicholas Carreiro and may rely on deposition testimony from additional inventors. Mirror Worlds, accordingly, reserves its right to cite portions of those deposition transcripts that rebut Apple's arguments.

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		asset can be in the past, present or future, and the location of file storage is transparent to the user”	<p>col. 14, lines 37-60.</p> <p>‘999 Specification: col. 1, line 65 - col. 3, line 8. col. 3, lines 30-45. col. 6, lines 1-36. col. 9, lines 14-47. col. 14, lines 19-30.</p> <p>‘227 File History: 3/23/98 Amendment, p. 5. 10/16/98 Amendment, pp. 11, 19, 23. 5/7/99 Amendment, pp. 11-13, 16-17.</p> <p>‘313 File History: Notice of Allowance, p. 2</p> <p>‘999 Reexamination File History: 7/22/09 Response, pp. 12-13.</p>
'227-1, 13, 25; and '313-2	“main stream”	“a stream of each data unit, or document, received by or generated by the computer system”	<p>Intrinsic:</p> <p>‘227 Specification: col. 1, lines 4-10. col. 3, lines 62-67. col. 4, lines 6-30. col. 8, lines 44-50.</p> <p>‘227 File History: 3/23/98 Amendment, p. 5. 10/16/98 Amendment, pp. 15-17, 19, 23. 5/7/99 Amendment, pp. 11-13, 16-17.</p> <p>‘313 File History: Notice of Allowance, p. 2.</p> <p><i>See also</i> “stream” above and claim language.</p>

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MIRROR WORLDS' PROPOSED CONSTRUCTION	MIRROR WORLDS' SUPPORT ¹
'227-1, 13, 25; '313-2 and 11	"substream"	"a subset of data units, or documents, yielded by a filter on a stream, the filter identifying certain documents within the stream"	<p>Intrinsic: '227 Specification: col. 3, line 62 - col. 4, line 5. col. 4, lines 48-61. col. 5, lines 1-19. col. 6, lines 8-16. col. 7, lines 13-30. col. 8, lines 26-35. col. 13, lines 10-18.</p> <p>'227 File History: 5/7/99 Amendment, pp. 11, 13-14, 22.</p>
'999-1	"time-ordered stream"	"a displayed stream in which the elements are arranged in time order"	<p>Intrinsic: '999 Specification: col. 4, line 33 - col. 5, line 5. Fig. 1.</p>
'427-1	"stream-based operating system"	"an operating system that includes support for streams"	<p>Intrinsic: '227 Specification: Title. Abstract. col. 1, lines 1-10. col. 2, lines 4-9. col. 2, line 13 - col. 3, line 29. col. 4, lines 1-13. col. 9, lines 53-55. col. 10, lines 26-51. col. 14, lines 2-21. col. 14, lines 38-51.</p> <p><i>See also</i> "operating system."</p>
'313-1; and '427-25	"document stream operating system"	same as "stream-based operating system"	<p>Intrinsic: '227 Specification: Title. Abstract. col. 1, lines 1-10. col. 2, lines 4-9. col. 2, line 13 - col. 3, line 29. col. 4, lines 1-13. col. 9, lines 53-55. col. 10, lines 26-51. col. 14, lines 2-21.</p>

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			col. 14, lines 38-51. <i>See also</i> “operating system.”
'227-1, 13, and 25	“timestamp to identify”	“a time-based identifier”	Intrinsic: ‘227 Specification: col. 4, lines 35-47. col. 7, lines 39-63. ‘227 File History: 11/03/98 Office Action, pp. 3-4. 5/7/99 Amendment, pp. 11-12, 17, 19, 24.
'227-1, 13, and 25	“including each data unit according to the timestamp in the respective chronological indicator in the main stream”	No construction is necessary. However, if the Court rules that one is necessary, Mirror Worlds proposes the following construction: “including each data unit in the main stream, ordered according to the time stamp in the respective chronological indicator”	Intrinsic: ‘227 Specification: col. 2, lines 16-19. col. 3, lines 62 - col. 4, line 31. col. 4, lines 35-47. col. 5, line 53 - col. 6, line 7. col. 14, lines 2-10. ‘227 File History: 3/23/98 Amendment, pp. 9-10. 11/03/98 Office Action, pp. 3-4. 5/7/99 Amendment, p. 17, 25-26. <i>See also</i> “data unit,” “timestamp,” “stream,” and “main stream.”
'227-20 '227-29; '313-1, 9; '427-5, 13, 22, 29 and 37	“abbreviated form” “abbreviated version(s)”	No construction is necessary. However, if the Court rules that one is necessary, Mirror Worlds proposes the following construction: “a form or version that is less than the full form or version”	Intrinsic: ‘227 Specification: col. 3, lines 4-12. col. 6, lines 30-36. col. 7, line 64 - col. 8, line 10. Fig. 1
'427-8 and 16	“controlling” operating system	“an operating system that utilizes subsystems from another	Meaning clear from claim language.

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		operating system”	
'313-1, 9; '427-1 and 8	“archiving”	“copying documents to a secondary storage medium”	<p>Intrinsic: '227 Specification: col. 2, lines 35-36. col. 5, lines 53-65. col. 10, lines 16-33.</p> <p>Extrinsic: http://dictionary.reference.com/browse/archive (citing The American Heritage® Dictionary of the English Language, Fourth Edition Copyright © 2009 by Houghton Mifflin Company.) (“archive”: “A long-term storage area, often on magnetic tape, for backup copies of files or for files that are no longer in active use.”; “archiving”: “To copy or compress (a file) into an archive.”)</p>
'313-1, 9; '427-1, 8, and 16	“glance views”	“an abbreviated presentation of a document”	<p>Intrinsic: '227 Specification: col. 6, lines 7-36. col. 7, line 64 - col. 8, line 10. Fig. 1.</p> <p>'313 File History: 12/27/01 Amendment, p. 6.</p>
'313-1, 9; '427-1, 10, 18, and 25	“receding foreshortened stack”	“a representation of a stack that uses perspective to create the illusion of increasing distance from the viewpoint implied by the image”	<p>Intrinsic: '227 Specification: col. 9, lines 46-52.</p> <p>'313 File History: 12/27/01 Amendment, p. 6. 12/27/01 Amendment, p. 8.</p> <p>Extrinsic: Random House Webster’s Unabridged Dictionary, Second Edition, 2001 (“foreshorten”: “to</p>

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			<p>reduce or distort (parts of a represented object that are not parallel to the picture plane) in order to convey the illusion of three-dimensional space as perceived by the human eye: often done according to the rules of perspective.”; “recede”: “(of a color, form, etc. on a flat surface) to move away or be perceived as moving away from an observer, esp. as giving the illusion of space.”</p> <p>The American Heritage College Dictionary, Third Edition, 1993 (“foreshorten”: “To shorten the lines of (an object) in a drawing or other representation so as to produce an illusion of projection or extension in space.”; “recede”: “To become or seem to become fainter or more distant.”</p>
'427-1 and 8	“archiving the documents and indicators in consistent format for selective retrieval”	<p>This term is readily understood and no construction is necessary. However, if the Court rules that one is necessary, Mirror Worlds proposes the following construction:</p> <p>“archiving documents and indicators in a consistent format that enables uniform selective retrieval of the documents.”</p>	<p>Intrinsic: ‘227 Specification: col. 10, lines 17-33</p> <p><i>See also</i> “archiving.”</p>
'427-7, 15, 24, 31, and 39	“complex analysis”	“analysis involving the form, content and/or type of a document”	<p>Intrinsic: ‘227 Specification: col. 7, line 64 - col. 8, line 10.</p>
'999-1	“enterprise information management	“a system that manages information for an enterprise or	<p>Intrinsic: ‘999 Specification: Abstract.</p>

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	system”	organization”	col. 8, lines 21-44. col. 10, lines 40-50. col. 12, lines 3-35. col. 12, lines 54-62. col. 14, lines 19-67. col. 15, lines 47-60. col. 16, lines 5-10.
'999-1	“document object model”	“a consistent structure containing information about information assets of diverse types, created by diverse software”	Intrinsic: ‘999 Specification: Abstract. col. 3, lines 30-45. col. 5, lines 6-67.
'227-1 and 25	“means for generating a main stream of data units...the main stream for receiving each data unit received by or generated by the computer system”	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for generating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“a main stream of data units ... for receiving each data unit received by or generated by the computer system”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for generating,” then:</p> <p>The recited <u>function</u> is generating a main stream of data units.</p> <p>The <u>corresponding structure</u> is computer hardware and executable code implementing a main stream of data units, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: col. 1, lines 4-10. col. 2, lines 20-24. col. 2, line 62 - col. 3, line 29. col. 3, line 62 --col. 4, line 30. col. 4, lines 35-47. col. 5, lines 14-19. col. 5, line 44 - col. 6, line 36. col. 13, line 50 - col. 14, line 10. col. 14, lines 17-21. col. 14, lines 30-33. col. 14, lines 37-51.</p> <p>‘227 File History: 5/7/99 Amendment, pp. 18-19</p> <p><i>See also</i> “stream,” “main stream,” “data unit.”</p>
'227-1 and 25	“means for generating ... at least one	Mirror Worlds asserts that sufficient structure is recited in the element “means for	Intrinsic: ‘227 Specification: col. 3, line 62 - col. 4, line 5. col. 4, line 48-col. 5, line 19.

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	substream”	<p>generating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“at least one substream ...for containing data units only from the main stream”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for generating,” then:</p> <p>The recited <u>function</u> is generating at least one substream.</p> <p>The <u>corresponding structure</u> is computer hardware and executable code implementing substreams, and equivalents thereof.</p>	<p>col. 6, lines 7-36. col. 6, lines 53-67. col. 7, lines 14-31. col. 8, lines 26-35. col. 13, lines 50-64. col. 14, lines 4-10. col. 14, lines 17-21. col. 14, lines 30-33. col. 14, lines 37-60.</p> <p>‘227 File History: 5/7/99 Amendment, pp. 18-19.</p> <p><i>See also</i> “substream.”</p>
'227-1	“means for receiving data units from other computer systems”	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is receiving data units from other computer systems.</p> <p>The <u>corresponding structure</u> is computer hardware and executable code that receives data units from other computer systems over a network connection, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: col. 2, line 62 - col. 3, line 12. col. 3, line 62 – col. 4, line 5. col. 4, lines 8-10. col. 4, lines 39-40. col. 5, lines 8-11. col. 6, lines 8-11. col. 6, lines 45-52. col. 11, lines 44-56. col. 12, lines, 38-40, 51-52. col. 13, lines 17-18. col. 13, line 65 - col. 14, line 10. col. 14, lines 17-21. col. 14, lines 37-51.</p>
'227-1	“means for generating data units by the computer system”	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is generating data units</p>	<p>Intrinsic: ‘227 Specification: col. 4, lines 2-5. col. 4, lines 6-30. col. 4, lines 35-51. col. 5, lines 11-13. col. 5, lines 44-52.</p>

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		<p>by the computer system.</p> <p>The <u>corresponding structure</u> is executable code that creates data units, and equivalents thereof.</p>	<p>col. 5, line 53 - col. 6, line 7. col. 6, lines 8-11. col. 11, lines 44-56. col. 14, lines 17-21. col. 14, lines 37-51.</p>
'227-1	<p>“means for selecting a timestamp to identify each data unit”</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for selecting” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“a timestamp to identify each data unit”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for selecting,” then:</p> <p>The parties agree that the recited <u>function</u> is selecting a timestamp to identify each data unit.</p> <p>The <u>corresponding structure</u> is executable code that selects the timestamp for a data unit based on the present time or a time designated by the user, and equivalents thereof.</p>	<p>Intrinsic: '227 Specification: col. 4, lines 35-47. col. 7, lines 8-10. col. 7, lines 39-63. col. 10, lines 52-67. col. 11, lines 57-64. Figs. 1, 4, 5.</p> <p><i>See also</i> “timestamp to identify”</p>

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'227-1	<p>“means for associating each data unit with at least one chronological indicator having the respective timestamp”</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for associating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“each data unit”</p> <p>“timestamp”</p> <p>“chronological indicator having a respective timestamp”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for associating,” then:</p> <p>The parties agree that the recited <u>function</u> is associating each data unit with at least one chronological indicator having a respective timestamp.</p> <p>The <u>corresponding structure</u> is executable code implementing the main stream, and equivalents thereof.</p>	<p>Intrinsic:</p> <p>‘227 Specification: col. 1, lines 4-10. col. 2, l. 62 - col. 3, l. 2.</p> <p>‘227 File History: 11/03/98 Office Action, pp. 3-4. 5/7/99 Amendment, pp. 19, 24.</p> <p><i>See also</i>, “means for generating ... a main stream,” “stream,” “main stream,” and “timestamp.”</p>
'227-25	<p>“means for associating each data unit with at least one chronological indicator having a respective timestamp which identifies the data unit”</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for associating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“each data unit”</p> <p>“timestamp”</p> <p>“chronological indicator having a respective timestamp”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for associating,”</p>	<p>Intrinsic:</p> <p>‘227 Specification: col. 1, lines 4-10. ‘227, col. 2, l. 62 - col. 3, l. 2.</p> <p>‘227 File History: 11/03/98 Office Action, pp. 3-4. 5/7/99 Amendment, pp. 19, 24.</p> <p><i>See also</i>, “means for generating ... a main stream,” “stream,” “main stream,” and “timestamp.”</p>

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		<p>then:</p> <p>The recited <u>function</u> is associating each data unit with at least one chronological indicator having a respective timestamp.</p> <p>The <u>corresponding structure</u> is executable code implementing the main stream, and equivalents thereof.</p>	
'227-1, 25	<p>“means for including [each data unit according to the timestamp in the respective chronological indicator in the main stream]”</p>	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is including each data unit according to the timestamp in the respective chronological indicator in the main stream.</p> <p>The <u>corresponding structure</u> is executable code implementing the main stream, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: col. 1, lines 4-10. col. 2, line 62 to col. 3, line 4. col. 4, lines 35-47. col. 7, lines 39-63. col. 13, line 65 - col. 14, line 10.</p> <p><i>See also</i>, “means for generating ... a main stream,” “stream,” “main stream,” and “timestamp.”</p>
'227-1 and 25	<p>“means for maintaining the main stream and the substreams as persistent streams”</p>	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The recited <u>function</u> is maintaining the main stream and the substreams as persistent streams.</p> <p>The <u>corresponding structure</u> is executable code that dynamically updates the main stream and executable code that dynamically updates substreams, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: col. 3, line 62 - col. 4, line 10. col. 5, lines 1-19. col. 13, lines 50-64. col. 14, lines 22 -32.</p> <p><i>See also</i>, “means for generating ... a main stream,” “stream,” “main stream,” and “substream”</p>
'227-6	<p>“means for displaying alternative</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for</p>	<p>Intrinsic: ‘227 Specification: col. 3, lines 4-10. col. 6, lines 17-36.</p>

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	versions of the content of the data units”	<p>displaying” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“alternative versions of the content of the data units”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for displaying,” then:</p> <p>The parties agree that the recited <u>function</u> is displaying alternative versions of the content of the data units.</p> <p>The <u>corresponding structure</u> is browse cards/glance views, and equivalents thereof.</p>	<p>col. 7, line 64 - col. 8, line 10. col. 9, lines 19-32. Fig. 1</p> <p><i>See also</i>, “alternative version”</p>
'227-9	“means for archiving a data unit associated with a timestamp older than a specified time point while retaining the respective chronological indicator and/or a data unit having a respective alternative version of the content of the archived data unit”	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for archiving” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“archiving a data unit associated with a timestamp older than a specified time point”</p> <p>“retaining the respective chronological indicator and/or a data unit having a respective alternative version of the content of the archived data unit”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for archiving,” then:</p> <p>The parties agree that the recited <u>function</u> is archiving a data unit</p>	<p>Intrinsic: ‘227 Specification: col. 2, lines 35-36. col. 7, lines 14-31. col. 10, lines 16-33. Fig. 2</p> <p><i>See also</i> “archiving”</p>

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		<p>associated with a timestamp older than a specified time point while retaining the respective chronological indicator and/or a data unit having a respective alternative version of the content of the archived data unit.</p> <p>The <u>corresponding structure</u> is computer hardware and executable code implementing archiving of data units, and equivalents thereof.</p>	
'227-10	<p>“means for operating on any of the streams using a set of operations selected by a user”</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for operating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“a set of operations selected by a user”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for operating,” then:</p> <p>The parties agree that the recited <u>function</u> is operating on any of the streams using a set of operations selected by a user.</p> <p>The <u>corresponding structure</u> is executable code implementing user selectable operations on streams, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: Fig. 1 col. 4, lines 31-67. col. 5, lines 20-42. col. 8, lines 11-25. col. 9, lines 13-18.</p>
'227-11	<p>“means to generate substreams from existing substreams”</p>	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is to generate substreams from existing</p>	<p>Intrinsic: ‘227 Specification: col. 7, lines 13-30.</p>

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		<p>substreams.</p> <p>The <u>corresponding structure</u> is executable code implementing incremental substreams, and equivalents thereof.</p>	
'227-12	<p>“means for generating a data unit comprising an alternative version of the content of another data unit”</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for generating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“a data unit comprising alternative versions of the content of the data units”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for generating,” then:</p> <p>The parties agree that the recited <u>function</u> is generating a data unit comprising an alternative version of the content of another data unit.</p> <p>The <u>corresponding structure</u> is executable code implementing alternative versions of data units, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: col. 4, lines 35-47. col. 6, lines 53-67.</p>
'227-12	<p>“means for associating the alternative version data unit with the chronological indicator of the another data unit.”</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for associating” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“alternative version data unit with the chronological indicator of the another data unit”</p> <p>If, however, the court determines</p>	<p>Intrinsic: ‘227 Specification: col. 9, lines 20-45. col. 11, lines 44-56.</p>

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		<p>that 35 U.S.C. § 112, ¶ 6 applies to the “means for associating,” then:</p> <p>The parties agree that the recited <u>function</u> is associating the alternative version data unit with the chronological indicator of the another data unit.</p> <p>The <u>corresponding structure</u> is executable code implementing alternative versions of data units, and equivalents thereof.</p>	
'227-25	<p>“means for representing one or more data units of a selected stream on a display device as document representations ... the order of appearance of each data representation on the display device determined by the timestamp of the respective data unit”</p>	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is representing one or more data units of a selected stream on a display device as document representations, each document representation including the timestamp and the order of appearance of each data representation on the display device determined by the timestamp of the respective data unit).</p> <p>The <u>corresponding structure</u> is the graphical stream view, and equivalents thereof.</p>	<p>Intrinsic: ‘227 Specification: Fig. 1 col. 6, lines 7-36.</p> <p><i>See also</i> “document representation,” “stream,” “timestamp,” and “data unit.”</p>
'227-25	<p>“means for selecting which data units are represented on the display device by selecting one of the document representations</p>	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for selecting” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“document representations”</p>	<p>Intrinsic: ‘227 Specification: Figs. 1, 4, 5; col. 3, lines 7-10. col. 6, lines 7-36. col. 7, lines 39-63. col. 9, lines 46 - col. 10, line 2. col. 14, lines 11-16.</p>

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MIRROR WORLDS' PROPOSED CONSTRUCTION	MIRROR WORLDS' SUPPORT ¹
	and displaying document representations corresponding to data unit having timestamps within a range of a timepoint”	<p>“data units”</p> <p>“timestamps”</p> <p>“range of a timepoint”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for selecting,” then:</p> <p>The parties agree that the recited <u>function</u> is selecting which data units are represented on the display device by selecting one of the document representations and displaying document representations corresponding to data units having timestamps within a range of a timepoint.</p> <p>The <u>corresponding structure</u> is the graphical stream view , and equivalents thereof.</p>	<p><i>See also</i> “document representation,” “stream,” “timestamp,” and “data unit.”</p>
'227-25	“means for selecting one or more of the document representations with a pointing device [so that the data units represented by the selected document representations are further displayed with a second document representation comprising an alternative version of the respective data	<p>Mirror Worlds asserts that sufficient structure is recited in the element “means for selecting” to take this element outside the constraints of 35 U.S.C. § 112, ¶ 6.</p> <p>“document representations”</p> <p>“pointing device”</p> <p>If, however, the court determines that 35 U.S.C. § 112, ¶ 6 applies to the “means for selecting,” then:</p> <p>The parties agree that the recited function is selecting one or more of the document representations with a pointing device so that the data units represented by the selected document</p>	<p>Intrinsic:</p> <p>‘227 Specification: Figs. 1, 4, 5. col. 3, lines 7-10. col. 6, lines 7-36. col. 7, lines 39-63. col. 7, line 64 - col. 8, line 10. col. 9, line 46 - col. 10, line 2. col. 14, lines 11-16.</p> <p>Extrinsic:</p> <p>Window Management (X11R5): X Window System Protocol, http://www.opengroup.org/books/tore/catalog/c507.htm</p>

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MIRROR WORLDS' PROPOSED CONSTRUCTION	MIRROR WORLDS' SUPPORT ¹
	unit]”	<p>representations are further displayed with a second document representation comprising an alternative version of the respective data unit.</p> <p>The <u>corresponding structure</u> is the graphical stream view, and equivalents thereof.</p>	
'427-1, 8, 16, and 25	“document organizing facility”	“software that organizes documents”	<p>Intrinsic:</p> <p>‘227 Specification: col. 2, line 62 - col. 3, line 12. col. 3, line 62, col. 4, line 5. col. 5, lines 5-8. col. 6, lines 47-52.</p> <p>‘227 File History: 5/7/99 Amendment, pp. 12-13.</p>

DISPUTED TERMS IN APPLE'S PATENT

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MWT'S PROPOSED CONSTRUCTION	MWT'S SUPPORT
'101-5	“means for displaying a graphical iconic representation of a collection of said first plurality of documents”	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is displaying a graphical iconic representation of a collection of said first plurality of documents.</p> <p>The <u>corresponding structure</u> is executable code that displays the icon representing a collection of documents (<i>i.e.</i>, pile), and equivalents thereof.</p>	<p><u>Intrinsic:</u> ‘101 Specification: col. 6, line 65 – col. 9, line 53. col. 13, lines 28-54. col. 3, lines 45-65.</p> <p>‘101 File History: Appeal Brief dated 3/20/96, pp. 6, 33, 34, 37. Appellant’s Reply Brief, 6/28/96, p. 2. Decision on Appeal, 10/29/99, pp. 2, 23.</p> <p><i>See also</i> “graphical iconic representation of a collection of said first plurality of documents.”</p>
'101-5	“means for displaying a first indicia of a first document of said collection by selecting a first position from said graphical iconic representation”	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is displaying a first indicia of a first document of said collection by selecting a first position from said graphical iconic representation.</p> <p>The <u>corresponding structure</u> is executable code that initiates browsing of a pile after the cursor has been positioned over the iconic graphical representation of the collection of documents (pile) for a predetermined period of time and displays a first indicia of a first document of the collection (pile) by selecting a first position on the icon representing the collection, and equivalents</p>	<p><u>Intrinsic:</u> ‘101 Specification: col. 3, lines 22-26. col. 9, line 54 - col. 13, line 54. col. 16, line 65 - col. 17, line 2. col. 27, lines 15-56. Figs. 4a-4f; 16</p> <p><i>See also</i> “graphical iconic representation of a collection of said first plurality of documents.”</p>

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MWT'S PROPOSED CONSTRUCTION	MWT'S SUPPORT
		thereof.	
'101-5	“means for displaying in series a second indicia of a second document and a third indicia of a third document by positioning said cursor first on a second position on said graphical iconic representation next on a third position on said graphical iconic representation”	<p>The parties agree that this is a means-plus-function limitation subject to § 112(6).</p> <p>The parties agree that the recited <u>function</u> is displaying in series a second indicia of a second document and a third indicia of a third document by positioning said cursor first on a second position on said graphical iconic representation next on a third position on said graphical iconic representation.</p> <p>The <u>corresponding structure</u> is executable code that displays in series a second indicia of a second document and a third indicia of a third document by positioning a cursor first on a second position on the icon representing the collection (pile) and next on a third position on the icon representing the collection (pile), and equivalents thereof.</p>	<p><u>Intrinsic:</u> ‘101 Specification: col. 3, lines 22-26. col. 9, line. 54 - col. 13, line 54. col. 16, line 65 - col. 17, line 2. col. 27, lines 15-56. Figs. 4a-4f; 16</p> <p><i>See also</i> “graphical iconic representation of a collection of said first plurality of documents.”</p>
'101-1, 5, 9	“a graphical iconic representation of a collection of said first plurality of documents”	“a small static picture representing a collection of documents”	<p><u>Intrinsic:</u> ‘101 Specification: col. 6, line 65 - col. 9, line 53. col. 13, lines 28-54. col. 13, line 55 - col. 14, line 22. col. 3, lines 45-65. As well as other portions of the ‘101 specification that generally relate to and describe the representation of piles.</p> <p>‘101 File History: Appeal Brief dated 3/20/96, pp. 6, 33, 34, 37.</p>

CLAIMS	CLAIM TERM, PHRASE, OR CLAUSE	MWT'S PROPOSED CONSTRUCTION	MWT'S SUPPORT
			<p>'101 FH, Appellant's Reply Brief, 6/28/96, p. 2 Decision on Appeal, 9/12/97, pp. 2 and 23.</p> <p>Extrinsic: "A small picture intended to represent something (a file, directory, or action) in a graphical user interface." <i>The Free On-line Dictionary of Computing</i>. Retrieved September 22, 2009</p>