

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|---|--|--|---|
| 1. A method executed by a device under the control of a program, said device including a memory for storing said program, said method comprising: | <p>"websites as channels ... In my home, on my pc, not out on the web." Ex. 2036 at p. 2, Ex. 2026 at pp. 1-2.</p> <p>"can you imagine chip/modem/ram [] that can handle 24 simultaneous streams?" Ex. 2036 at p. 4.</p>   | <p>"The software (&amp;architecture) is a 'network' because it is a choice a programme guide." Ex. 2023 at p. 5.</p> <p>"The client is working in RAM the server/DataFarm is the hard disk or memory." Ex. 2023 at p. 13.</p>  | <p>"SurfCast is client software. SurfCast is a useful, convenient, and fun application that organises and guides a user's entire On-line experience. ... The SurfCast software allows PC users to uniquely and easily configure their own Desktop." Ex. 2067 at p. 2.</p>   |
| [1a] selecting a plurality of information sources;  | <p>"I want a really simple but functional front-page, my home page to be something that delivers my smart agent queries and other info right to me on a plate—with the other things I want." Ex. 2036 at p. 2</p> <p>"I want it all there. Amazon. Db. Search engine. Nyt. Wallst. Economist. Fishing. Ski report. All right there."</p> | <p>"It is a 'fulcrum' A point of 'convergence' for different channels But, Channels that are 'different' streams (multiple medias):<br/> <u>Websites</u><br/> <u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/> <u>files</u><br/> <u>Excel</u><br/> <u>Telephone</u><br/> <u>Videophone</u></p> | <p>"SurfCast software is a 'programme guide' in that it guides users to programmes or content channels." Ex. 2067 at p. 2.</p> <p>"A SurfCast tile is like a bookmark, except addresses are 'live links', i.e. live connections to sites or channels. Each tile behaves like (has similar properties to) a 'bookmark' in that it points to an address, which when clicked navigates to a site</p> |

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|                            | Ex. 2036 at p. 2, Ex. 2026 at p. 1. | <p><u>Photo Album</u>”<br/>Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/>Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/> <ul style="list-style-type: none"> <li>-<u>Websites</u></li> <li>-<u>O/S</u></li> <li>-<u>Apps</u> Word, Excel<br/> Videophone,<br/> Telephone</li> <li>- TV Channel</li> <li>- Radiostation<br/> (broadcast/webcast)</li> <li>-Intranet</li> </ul> A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/> (2) broadcast info-serve”<br/> Ex. 2023 at p. 20.</p> | <p>or ‘content channel’. Each tile does not simply point to an address, but maintains a live connection to a channel. These ‘channels’ can be: Web sites; intranet sites; files; folders; applications (Word, Excel, Internet telephone, videophone); television programmes; or a ‘broadband channels’, for instance.”<br/> Ex. 2067 at p. 3.</p> |
| [1b] partitioning a visual | “it’s kinda like an advanced        | “What is happening at the   | “a SurfCast enabled PC screen is  |

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| display of the device into an array of tiles, wherein each tile in said array of tiles is associated with an information source in said plurality of information sources; | <p>bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1</p> <p>"I want a really simple but functional front-page. ... i want everything at my fingertips. i want bookmakrs [sic] yes--all on one page in my face all the time, so everything I want (12 or 24) buttons or mini ‘screens’ on one page"<br/>Ex. 2036 at p. 2, Ex. 2026 at p. 1.</p> <p>“an epg whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or streaming”<br/>Ex. 2036 at p. 2</p> <p>“dynamic views”<br/>Ex. 2036 at p. 3</p> | <p>client? ... sits over Windows ... Open Computer, TurnOn, you see SurfCast”<br/>Ex. 2023 at p. 6 (see also grid figure on the same page)</p> <p>“You click and it opens/explodes an app like Windows, or Excel; or it’ll dial right to Surfcast and update all the <u>Tiles</u>”<br/>Ex. 2023 at p. 6</p> <p>“These channels are represented on the client by (resembling) a Mosaid grid This grid covers the entire screen hence it sits on top of Microsoft O/S Win95 becomes a ‘channel’ The Mosaic can be ‘programmed to simply point to web address ...</p> | <p>a grid of tiles covering the entire PC screen.”<br/>Ex. 2067 at p. 2.</p> <p>“The user can programme each tile to represent an address or application.”<br/>Ex. 2067 at p. 2.</p> <p>“a mosaic of clickable 'streaming thumbnails'.”<br/>Ex. 2067 at p. 2.</p> <p>See figure of grid.<br/>Ex. 2067 at p. 2.</p> |

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|               | <p>“what i want is a home page—one page—in my face with what i want and need. i subscribe to the ny times, wallst journal, economist, newedge. i cruise and shop on amazon. i want a live ski report.<br/>Ex. 2036 at pp. 3-4.</p> <p>"ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"<br/>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/>Ex. 2023 at p. 16.</p> <p>“Each Tile represents a ‘stream’ of info – an ‘address’ tuning that address to a location”<br/>Ex. 2023 at p. 18</p> <p>“What is unique is this <u>graphicui</u> ‘becomes’ your screen, your desktop<br/>The GUI is a 36/64/etc grid, or tiles<br/>or mosaic.<br/>These Tiles are ‘programmable’, or ‘configurable’<br/>configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br/>- explode</p> |  |

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|   |                                 | <p>rightclick – refresh<br/>leftclick-audio(if any)<br/>doubleclick-<br/>Navigate”<br/>Ex. 2023, at p. 19</p> <p>“it is ‘over’ all other<br/>functions of hardware<br/>device<br/>it is over <u>Win95 Desktop</u>”<br/>Ex. 2023 at p. 20</p> <p>“ ‘<u>Addresses</u>’ of Channels<br/>Can be for files, docs,<br/>images<br/>folders, database<br/>tvchannel, website,”<br/>Ex. 2023 at p. 23.</p> |  |
| [1c] assigning a first refresh rate to a first tile of said array of tiles and a second refresh rate to a second tile of said array of tiles; |                                 | <p>“So the Computer doesn’t have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each ‘member.’ So, every <u>frame/second/</u> a new tile/channel updates. So</p>  | <p>“The user can ... configure tiles with attributes/properties such as frame-rate.”<br/>Ex. 2067 at p. 2.</p> |

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|   |   | every channel grabs a frame from source updates once a minute.<br>Refreshed every minute.”<br>Ex. 2023 at p. 7.  |   |
| [1d] updating information from a first information source in said plurality of information sources presented to said first tile in accordance with said first refresh rate; and | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1</p> <p>an epg whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or streaming”<br/>Ex. 2036 at p. 2</p> <p>“Buttons and dynamic views”<br/>Ex. 2036 at p. 3</p> <p>"I get to 'see' what is happening on the websites I care about in realtime ...</p> | <p>“So the Computer doesn’t have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each ‘member.’ So, every <u>frame/second/</u> a new tile/channel updates. So every channel grabs a frame from source updates once a minute.<br/>Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“each of the ‘channels’ tiles is <u>streaming</u>”<br/>Ex. 2023 at p. 21</p> <p>“These tiles act like <u>desktop shortcuts</u></p> | <p>“Each tile behaves like a 'streaming' thumbnail' in that it continually refreshes (the refresh rate can be configured by the user).”<br/>Ex. 2067 at p. 3.</p> |

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|  | <p>instead of static content, it'll be streaming content"</p> <p>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p>   | <p><u>Except</u> they are animated:<br/>...</p> <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpm)"</li> </ul> <p>Ex. 2023 at p. 20.</p>   |  |
| <p>[1e] simultaneously updating information from a second information source in said plurality of information sources presented to said second tile in accordance with said second refresh rate.</p> | <p>"it's kinda like an advanced bookmarks page. But with dynamics"</p> <p>Ex. 2036 at p. 1</p> <p>"Buttons and dynamic views"</p> <p>Ex. 2036 at p. 3</p> <p>"I get to 'see' what is happening on the websites I care about in realtime ... instead of static content, it'll be streaming content."</p> <p>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>"So the Computer doesn't have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each 'member.' So, every <u>frame/second/</u> a new tile/channel updates. So every channel grabs a frame from source updates once a minute.<br/>Refreshed every minute."</p> <p>Ex. 2023 at p. 7.</p> <p>"each of the 'channels' tiles is <u>streaming</u>"</p> <p>Ex. 2023 at p. 21</p> <p>"These tiles act like <u>desktop shortcuts</u></p> | <p>"Each tile behaves like a 'streaming' thumbnail' in that it continually refreshes (the refresh rate can be configured by the user)."</p> <p>Ex. 2067 at p. 3.</p> |

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|   |  | <p><u>Except</u> they are animated:</p> <p>...</p> <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> <p>Ex. 2023 at p. 20</p> |   |
| 2. The method of claim 1 wherein said partitioning includes partitioning said array of tiles in accordance with a user-defined array size.  |  | <p>“The GUI is a 36/64 etc. grid, or tiles, or mosaic.”</p> <p>Ex. 2023, at p. 19.</p>   | <p>“The SurfCast grid can be sized from 1 to 64 or to 128 (or more) tiles (this is one of the configurable properties).”</p> <p>Ex. 2067 at pp 3-4.</p> |
| 3. The method of claim 1 wherein said partitioning includes partitioning said array of tiles in a non-overlapping configuration wherein each tile of said array of tiles is a uniform size and shape. | <p>"ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"</p> <p>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>See nonoverlapping and uniform size and shape in figure of a grid.</p> <p>Ex. 2023 at p. 6.</p>   | <p>See figure of a grid.</p> <p>Ex. 2067 at p. 2.</p>   |
| 5. The method of claim 1 wherein said assigning includes attributing a selected state or an   |  | <p>“These Tiles are ‘programmable’, or ‘configurable’ configure to be</p>  | <p>“Tiles are clickable to: mouse over = explode right click = refresh tile”</p> <p>Ex. 2067 at p. 3.</p>   |



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| unselected state to said first tile and said second tile.  |                                 | <p>streaming thumbnails which are <u>clickable</u> to: mouseover</p> <ul style="list-style-type: none"> <li>- explode</li> <li>rightclick – refresh</li> <li>leftclick-audio(if any)</li> <li>doubleclick-<br/>Navigate”</li> </ul> <p>Ex. 2023, at p. 19</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:</p> <ul style="list-style-type: none"> <li>explode</li> <li>audio</li> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> <p>Ex. 2023 at p. 20.</p> |  |
| 6. The method of claim 1 wherein said first refresh rate is different from said second refresh rate. |                                 | <p>“One of the Tiles/Thumbnails could randomly change every 5/10/15 seconds.”</p> <p>Ex. 2023 at p. 7.</p> <p>“These Tiles are</p>  | <p>“The user can ... configure tiles with attributes/properties such as frame rate.”</p> <p>Ex. 2067 at p. 2.</p> <p>“a user can ... configure the refresh rate of each tile.”</p> |

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|   |                                 | <p>‘programmable’,<br/>or ‘configurable’<br/>configure to be<br/><u>streaming thumbnails</u> which<br/>are <u>clickable</u> to: mouseover<br/>- explode<br/>    rightclick – refresh<br/>    leftclick-audio(if any)<br/>    doubleclick-<br/>    Navigate”<br/>Ex. 2023, at p. 19</p> | <p>Ex. 2067 at p. 3.</p>   |
| 7. The method of claim 1 wherein at least one of said first refresh rate and said second refresh rate is specified by a user. |                                 |  | <p>“The user can ... configure tiles with attributes/properties such as frame- rate.”<br/>Ex. 2067 at p. 2.</p> <p>“a user can ... configure the refresh rate of each tile.”<br/>Ex. 2067 at p. 3.</p> |
| 8. The method of claim 1 wherein said array comprises more than one row and more than one                                     |                                 | <p>See figure of a grid.<br/>Ex. 2023 at p. 6.</p>   | <p>See figure of grid.<br/>Ex. 2067 at p. 2.</p>   |

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| column.  |                                 |   |  |
| 9. The method of claim 1 wherein at least one attribute of each tile in said array of tiles is assigned uniformly. |                                 | <p>See uniform tile size in figure of a grid.<br/>Ex. 2023 at p. 6.</p> <p>“Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:<br/>explode<br/>audio<br/> <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> EX. 2023 at p. 20</p> | <p>See uniform tile size in figure of grid.<br/>Ex. 2067 at p. 2.</p> <p>“Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcaster.com">www.surfcaster.com</a> carousel.” Ex. 2067 at p. 3.</p> |
| 10. The method of claim 9 wherein said attribute is a refresh rate.  |                                 | <p>“Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:<br/>explode</p>   | <p>“Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcaster.com">www.surfcaster.com</a> carousel.”<br/>Ex. 2067 at p. 3.</p>   |

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|   |                                 | audio <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20   |   |
| 11. The method of claim 1 wherein said first refresh rate is assigned automatically.              |                                 | “So every channel grabs a frame from source updates once a minute.<br>Refreshed every minute.”<br>Ex. 2023 at p. 7.<br><br>“These tiles act like <u>desktop shortcuts</u><br><u>Except</u> they are animated:<br>explode<br>audio <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20 |   |
| 12. The method of claim 1 wherein said array comprises a grid wherein each of said tiles occupies |                                 | <i>See</i> figure of a grid.<br>Ex. 2023 at p. 6.  | <i>See</i> figure of grid.<br>Ex. 2067 at p. 2.<br><br>“The user can programme each |

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| a fixed position on said grid.   |  |   | tile to represent an address or application, and configure tiles with attributes/properties such as frame-rate.”<br>Ex. 2067 at p. 2. |
| 17. The method of claim 1 wherein said device is a mobile telephone.                           |  | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023, at p. 19.                | “The software will subsequently run on ... mobile phones.”<br>Ex. 2067 at p. 4.   |
| 18. The method of claim 1 wherein said device is a television.                                 |  | “if one has a WebTV, he gets the channel”<br>Ex. 2023 at p. 5.                                  | “The software will subsequently run on ... PC-TV hybrid appliances.”<br>Ex. 2067 at p. 4.   |
| 19. The method of claim 1 wherein said device is a computer.                                   | "websites as channels ... In my home, on my pc" Ex. 2036 at p. 2, Ex. 2026 at pp. 1-2. | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023, at p. 19                 | “The SurfCast software is designed to be implemented initially on a PC.”<br>Ex. 2067 at p. 4.   |
| 20. The method of claim 1 wherein said device is a personal digital assistant.                 |  | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023, at p. 19                 | “The software will subsequently run on PDAs.”<br>Ex. 2067 at p. 4.  |
| 21. The method of claim 1 wherein said plurality of information sources comprises at least two |  | “It is a ‘fulcrum’<br>A point of ‘convergence’ for different channels<br>But, Channels that are | “Each tile ... maintains a live connection to a channel. ... These ‘channels’ can be: Web sites; intranet sites; files; folders;      |

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| information sources selected from the group consisting of: analog signal; video signal; audio signal; text; an e-mail program; a world-wide-web page; streaming video; streaming audio; and graphics. |                                 | <p>‘different’ streams (multiple medias):<br/> <u>Websites</u><br/> <u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/> <u>files</u><br/> <u>Excel</u><br/> <u>Telephone</u><br/> <u>Videophone</u><br/> <u>Photo Album</u>”<br/> Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/> Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/> -<u>Websites</u><br/> -<u>O/S</u><br/> -<u>Apps</u> Word, Excel<br/> Videophone,<br/> Telephone</p> | <p>applications (Word, Excel, Internet telephone, videophone); television programmes; or a 'broadband channels', for instance.”<br/> Ex. 2067 at p. 3.</p> |

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|   |   | <ul style="list-style-type: none"> <li>- TV Channel</li> <li>- Radiostation (broadcast/webcast)</li> <li>-Intranet</li> </ul> <p>A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/>(2) broadcast info-serve”<br/>Ex. 2023 at p. 20.</p> |   |
| 22. An electronic readable memory to direct an electronic device to function in a specified manner, comprising: | <p>"websites as channels ... In my home, on my pc" Ex. 2036 at p. 2, Ex. 2026 at pp. 1-2.</p> <p>“A home page ... with what I want and what I need.”<br/>Ex. 2036 at p. 4, Ex. 2027 at p. 1.</p> <p>“can you imagine chip/modem/ram [] that can handle 24 simultaneous streams?”<br/>Ex. 2036 at p. 4</p> | <p>“The software (&amp;architecture) is a ‘network’ because it is a choice a programme guide.”<br/>Ex. 2023 at p. 5.</p> <p>“The client is working in RAM the server/DataFarm is the hard disk or memory.”<br/>Ex. 2023 at p. 13.</p>                                 | <p>“SurfCast is client software ... The SurfCast software allows PC users to uniquely and easily configure their own Desktop.<br/>Ex. 2067 at p. 2.</p> <p>“SurfCast is a dynamic electronic programme guide (‘EPG’) that allows users to navigate television channels, but also Web sites, and 'convergence channels' or 'broadband channels' which deliver so -called 'convergence content'.”<br/>Ex. 2067 at p. 2.</p> |

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| [22a] a first set of instructions to control simultaneous communication with a plurality of information sources; | <p>“I want a really simple but functional front-page, my home page to be something that delivers my smart agent queries and other info right to me on a plate—with the other things I want.” Ex. 2036 at p. 2</p> <p>“I want it all there. Amazon. Db. Search engine. Nyt. Wallst. Economist. Fishing. Ski report. All right there.” Ex. 2036 at p. 2, Ex. 2026 at p. 1.</p> | <p>“It is a ‘fulcrum’ A point of ‘convergence’ for different channels But, Channels that are ‘different’ streams (multiple medias):<br/> <u>Websites</u><br/> <u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/> <u>files</u><br/> <u>Excel</u><br/> <u>Telephone</u><br/> <u>Videophone</u><br/> <u>Photo Album</u>”<br/> Ex. 2023 at p. 5</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/> Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/> -<u>Websites</u></p> | <p>“SurfCast software is a ‘programme guide’ in that it guides users to 'programmes' or content channels.”<br/> Ex. 2067 at p. 2.</p> <p>“A SurfCast tile is like a bookmark, except addresses are ‘live links’, i.e. live connections to sites or channels. Each tile behaves like (has similar properties to) a ‘bookmark’ in that it points to an address, which when clicked navigates to a site or ‘content channel’. Each tile does not simply point to an address, but maintains a live connection to a channel. These ‘channels’ can be: Web sites; intranet sites; files; folders; applications (Word, Excel, Internet telephone, videophone); television programmes; or a ‘broadband channels’, for instance.”</p> |



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|   |   | <ul style="list-style-type: none"> <li>-<u>O/S</u></li> <li>-<u>Apps</u> Word, Excel</li> <li style="padding-left: 40px;">Videophone,</li> <li style="padding-left: 40px;">Telephone</li> <li>- TV Channel</li> <li>- Radiostation</li> <li style="padding-left: 40px;">(broadcast/webcast)</li> <li>-Intranet</li> </ul> <p>A Tile becomes a '<u>Channel</u>' representing (1) stored info – hard drive<br/>(2) broadcast info-serve”<br/>Ex. 2023 at p. 20.</p> | <p>Ex. 2067 at p. 3.</p> <p>“SurfCast software is like a browser, except the user has effectively 64 (or more) concurrent or simultaneous Web sites or channels.”<br/>Ex. 2067 at p. 2.</p> |
| [22b] a second set of instructions to arrange a display into an array of tiles; | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1</p> <p>"I want a really simple but functional front-page. ... i want everything at my fingertips. i want bookmakrs [sic] yes--all on one page in my face all the time, so everything I want</p> | <p>“What is happening at the client? ... sits over Windows ... Open Computer, TurnOn, you see SurfCast”<br/>Ex. 2023 at p. 6 (see also grid figure on the same page)</p> <p>“You click and it opens/explodes an app like Windows, or Excel; or it’ll</p>  | <p>“a SurfCast enabled PC screen is a grid of tiles covering the entire PC screen.”<br/>Ex. 2067 at p. 2.</p> <p>“a mosaic of clickable 'streaming thumbnails'.”<br/>Ex. 2067 at p. 2.</p>  |

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| Claim Element | Exemplary Description in Emails  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document |
|---------------|--|--|--|
|               | <p>(12 or 24) buttons or mini 'screens' on one page"<br/>Ex. 2036 at p. 2, Ex. 2026 at p. 1.</p> <p>"an epq whereby my 20 fav websites are 'playing' and this is the operative word. what are they playing or streaming"<br/>Ex. 2036 at p. 2</p> <p>"dynamic views"<br/>Ex. 2036 at p. 3</p> <p>"what i want is a home page—one page—in my face with what i want and need. i subscribe to the ny times, wallst journal, economist, newedge. i cruise and shop on amazon. i want a live ski report.<br/>Ex. 2036 at pp. 3-4.</p> | <p>dial right to Surfcast and update all the <u>Tiles</u>"<br/>Ex. 2023 at p. 6</p> <p>"These channels are represented on the client by (resembling) a Mosaid grid This grid covers the entire screen hence it sits on top of Microsoft O/S Win95 becomes a 'channel' The Mosaic can be 'programmed to <del>simply</del> point to web address ... Each Tile can be 'programmed' to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel."<br/>Ex. 2023 at p. 16.</p> <p>"Each Tile represents a 'stream' of info – an 'address' tuning that address to a location"<br/>Ex. 2023 at p. 18.</p> |  |

## Exhibit 2065

| Claim Element | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document |
|---------------|--|---|--|
|               | <p>"ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"</p> <p>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>“What is unique is this <u>graphicui</u> ‘becomes’ your screen, your desktop<br/>The GUI is a 36/64/etc grid, or tiles<br/>or mosaic.<br/>These Tiles are ‘programmable’, or ‘configurable’<br/>configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br/>- explode<br/>    rightclick – refresh<br/>    leftclick-audio(if any)<br/>    doubleclick-<br/>    Navigate”</p> <p>Ex. 2023, at p. 19</p> <p>“it is ‘over’ all other functions of hardware device<br/>it is over <u>Win95 Desktop</u>”<br/>Ex. 2023 at p. 20.</p> |  |

# Exhibit 2065

| Claim Element  | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|--|--|---|--|
|  |  | <p>“ ‘Addresses’ of Channels<br/>Can be for files, docs, images<br/>folders, database<br/>tvchannel, website,”<br/>Ex. 2023 at p. 23.</p>   |  |
| <p>[22c] a third set of instructions to associate a first information source of said plurality of information sources to a first tile of said array of tiles and a second information source of said plurality of information sources to a second tile of said array of tiles;</p> | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1</p> <p>"I want a really simple but functional front-page. ... i want everything at my fingertips. i want bookmakrs [sic] yes--all on one page in my face all the time, so everything I want (12 or 24) buttons or mini ‘screens’ on one page"<br/>Ex. 2036 at p. 2, Ex. 2026 at p. 1.</p> <p>“an epG whereby my 20 fav</p> | <p>“These channels are represented on the client by (resembling) a Mosaid grid This grid covers the entire screen hence it sits on top of Microsoft O/S Win95 becomes a ‘channel’ The Mosaic can be ‘programmed to simply point to web address ... Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/>Ex. 2023 at p. 16.</p> <p>“Each Tile represents a ‘stream’ of info – an</p> | <p>“A SurfCast tile is like a shortcut, except tiles are animated. Each tile behaves like a ‘desktop shortcut’ in that it can click to a file in RAM or on the hard drive (i.e. a shortcut to a document, file, folder, or application); however, each tile also can navigate to a server on a network (Internet; intranet, extranet, satellite, terrestrial television, wireless, cable TV).”<br/>Ex. 2067 at p. 3.</p> |

# Exhibit 2065

| Claim Element | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document |
|---------------|--|---|--|
|               | <p>websites are ‘playing’ and this is the operative word. what are they playing or streaming”<br/>Ex. 2036 at p. 2</p> <p>“what i want is a home page—one page—in my face with what i want and need. i subscribe to the ny times, wallst journal, economist, newedge. i cruise and shop on amazon. i want a live ski report.<br/>Ex. 2036 at pp. 3-4</p> <p>"ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"<br/>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>‘address’ tuning that address to a location”<br/>Ex. 2023 at p. 18</p> <p>“What is unique is this <u>graphicui</u> ‘becomes’ your screen, your desktop<br/>The GUI is a 36/64/etc grid, or tiles<br/>or mosaic.<br/>These Tiles are ‘programmable’, or ‘configurable’<br/>configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br/>- explode<br/>    rightclick – refresh<br/>    leftclick-audio(if any)<br/>    doubleclick-<br/>    Navigate”<br/>Ex. 2023, at p. 19.</p> <p>“ ‘<u>Addresses</u>’ of Channels<br/>    Can be for files, docs,</p> |  |

# Exhibit 2065

| Claim Element  | Exemplary Description in Emails  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document   |
|--|--|--|--|
|  |  | images<br>folders, database<br>tvchannel, website,”<br>Ex. 2023 at p. 23.  |  |
| [22d] a fourth set of instructions to retrieve information from said first information source in accordance with a first retrieval rate and retrieve information from said second information source in accordance with a second retrieval rate; and | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1.</p> <p>an epg whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or streaming”<br/>Ex. 2036 at p. 2.</p> <p>“Buttons and dynamic views”<br/>Ex. 2036 at p. 3.</p> <p>"I get to 'see' what is happening on the websites I care about in realtime ... instead of static content, it'll be streaming content."</p> | <p>“So the Computer doesn’t have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each ‘member.’ So, every <u>frame/second/</u> a new tile/channel updates. So every channel grabs a frame from source updates once a minute.<br/>Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“each of the ‘channels’ tiles is <u>streaming</u>”<br/>Ex. 2023 at p. 21.</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:<br/>...</p> | <p>“Each tile grabs a frame from its source every cycle of the <a href="http://www.surfacst.com">www.surfacst.com</a> carousel.”<br/>Ex. 2067 at p. 3.</p> <p>“Each tile behaves like a 'streaming' thumbnail' in that it continually refreshes (the refresh rate can be configured by the user).”<br/>Ex. 2067 at p. 3.</p> |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails   | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|---|---|--|---|
|   | Ex. 2036 at p. 4, Ex. 2027 at p. 1.   | <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20.  |   |
| [22e] a fifth set of instructions to present information to said first tile in accordance with said first retrieval rate and present information to said second tile in accordance with said second retrieval rate. | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1.</p> <p>“an epg whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or streaming”<br/>Ex. 2036 at p. 2.</p> <p>“Buttons and dynamic views”<br/>Ex. 2036 at p. 3.</p> <p>"I get to 'see' what is happening on the websites I care about in realtime ... instead of static content, it'll be streaming content."</p> | <p>“So the Computer doesn’t have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each ‘member.’ So, every <u>frame/second/</u> a new tile/channel updates. So every channel grabs a frame from source updates once a minute.<br/>Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“each of the ‘channels’ tiles is <u>streaming</u>”<br/>Ex. 2023 at p. 21.</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:<br/>...</p> | <p>“Each tile behaves like a 'streaming' thumbnail' in that it continually refreshes (the refresh rate can be configured by the user).”<br/>Ex. 2067 at p. 3.</p> |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document  |
|---|--|---|---|
|   | Ex. 2036 at p. 4, Ex. 2027 at p. 1.  | <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20. |   |
| 23. The electronic readable memory of claim 22 further comprising a set of instructions to process a network datastream from a network data source. | <p>“you have a pc in front of you. Most people on a network, or those that log on, will have a home page ... . what i want is a home page—one page—in my face with what i want and need.<br/>Ex. 2036 at p. 1.</p> <p>“next of course will be website that turn into channels. instead of static content, it’ll be streaming content.”<br/>Ex. 2036 at p. 4.</p> <p>“can you imagine chip/modem/ram [] that can handle 24 simultaneous streams?”</p> | <p>“Tiles can be:<br/>...<br/>Radio station (broadcast/webcast)”<br/>Ex. 2023 at p. 20.</p>                   | <p>“SurfCast software is a ‘programme guide’ in that it guides users to programmes or content channels. For a PC connected to a ‘broadband network’ (such as a cable modem network), SurfCast is a dynamic electronic programme guide (‘EPG’) that allows users to navigate to television channels, but also Web sites, and ‘convergence channels’ or ‘broadband channels’ which deliver so-called ‘convergence content’. Existing EPGs guide to television channels.”<br/>Ex. 2067 at p. 2.</p> <p>“A SurfCast tile is like a <i>shortcut</i>, <i>except tiles are animated</i>. Each tile behaves like a ‘desktop</p> |



## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|--|---------------------------------|---|--|
|  | Ex. 2036 at p. 4.               |   | shortcut' in that it can click to a file in RAM or on the hard drive (i.e. a shortcut to a document, file, folder, or application); however, each tile also can navigate to a server on a network (Internet; intranet, extranet, satellite, terrestrial television, wireless, cable TV)."<br>Ex. 2067 at p. 3.   |
| 24. The electronic readable memory of claim 22 further comprising a set of instructions to process a tuner signal from a tuner device. |                                 | "Now he can either "dial" right to his sat tuner @ home or dial through us to stream it."<br>Ex. 2023 at p. 16. | "A SurfCast tile is like a <i>shortcut</i> , <i>except tiles are animated</i> . Each tile behaves like a 'desktop shortcut' in that it can click to a file in RAM or on the hard drive (i.e. a shortcut to a document, file, folder, or application); however, each tile also can navigate to a server on a network (Internet; intranet, extranet, satellite, terrestrial television, wireless, cable TV)."<br>Ex. 2067 at p. 3. |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document  |
|--|--|---|---|
| 25. The electronic readable memory of claim 22 wherein said second set of instructions arrange said array of tiles on a display of a mobile telephone. |  | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023 at p. 19.   | “The software will subsequently run on ... mobile phones.”<br>Ex. 2067 at p. 4.               |
| 26. The electronic readable memory of claim 22 wherein said second set of instructions arrange said array of tiles on a display of a television.       |  | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023 at p. 19.<br><br>“if one has a WebTV, he gets the channel”<br>Ex. 2023 at p. 5. | “The software will subsequently run on ... PC-TV hybrid appliances.”<br>Ex. 2067 at p. 4.     |
| 27. The electronic readable memory of claim 22 wherein said second set of instructions arrange said array of tiles on a display of a computer.         | "websites as channels ... In my home, on my pc" Ex. 2036 at p. 2, Ex. 2026 at pp. 1-2. | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023 at p. 19.   | “The SurfCast software is designed to be implemented initially on a PC.”<br>Ex. 2067 at p. 4. |
| 28. The electronic readable memory of claim 22 wherein said second set of instructions arrange   |  | “This is <u>device independent</u> (PC, GSM phones, pda)”<br>Ex. 2023 at p. 19.   | “The software will subsequently run on PDAs.”<br>Ex. 2067 at p. 4.                            |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document   |
|---|--|--|--|
| said array of tiles on a personal digital assistant.  |  |  |  |
| 30. The electronic readable memory of claim 22 wherein said second set of instructions produce an array of non-overlapping tiles wherein each tile has a uniform size and shape.        | "ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"<br>Ex. 2036 at p. 4,<br>Ex. 2027 at p. 1. | See nonoverlapping and uniform size and shape in figure of a grid.<br>Ex. 2023 at p. 6.  | See figure of grid.<br>Ex. 2067 at p. 2.   |
| 32. The electronic readable memory of claim 22 further comprising a set of instructions to selectively assign a selected or unselected state to specified tiles of said array of tiles. |  | “These Tiles are ‘programmable’, or ‘configurable’ configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br>- explode<br>rightclick – refresh<br>leftclick-audio(if any)<br>doubleclick-<br>Navigate”<br>Ex. 2023 at p. 19.<br><br>“These tiles act like <u>desktop</u> | “Tiles are clickable to:<br>mouse over = explode<br>right click = refresh tile”<br>Ex. 2067 at p. 3. |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|--|---------------------------------|---|--|
|  |                                 | <u>shortcuts</u><br><u>Except</u> they are animated:<br>explode<br>audio <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20.  |  |
| 33. The electronic readable memory of claim 22 further comprising a set of instructions to interrupt said first retrieval rate and present said first tile with static information from said first information source. |                                 | “These Tiles are ‘programmable’, or ‘configurable’ configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br>- explode<br>rightclick – refresh<br>leftclick-audio(if any)<br>doubleclick-<br>Navigate”<br>Ex. 2023 at p. 19 | “Tiles are clickable to:<br>mouse over = explode<br>might click = refresh tile”<br>Ex. 2067 at p. 3. |
| 34. The electronic readable memory of claim 22 further comprising a  |                                 | “It is a ‘fulcrum’<br>A point of ‘convergence’ for different channels   | “These ‘channels’ can be: ... applications (Word, Excel, ...).”<br>Ex. 2067 at p. 3.                 |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document |
|--|---------------------------------|---|--|
| set of instructions to deliver selected textual content from said first information source to said first tile. |                                 | <p>But, Channels that are ‘different’ streams (multiple medias):<br/> <u>Websites</u><br/> <u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/> <u>files</u><br/> <u>Excel</u><br/> <u>Telephone</u><br/> <u>Videophone</u><br/> <u>Photo Album</u>”<br/> Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/> Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/> -<u>Websites</u><br/> -<u>O/S</u><br/> -<u>Apps</u> Word, Excel<br/> Videophone,</p> |  |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document                                 |
|--|---------------------------------|--|--|
|  |                                 | <p>Telephone</p> <ul style="list-style-type: none"> <li>- TV Channel</li> <li>- Radiostation (broadcast/webcast)</li> <li>-Intranet</li> </ul> <p>A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/>(2) broadcast info-serve”<br/>Ex. 2023 at p. 20.</p>   |  |
| 35. The electronic readable memory of claim 22 further comprising a set of instructions to deliver a video signal to a selected tile of said array of tiles. |                                 | <p>“It is a ‘fulcrum’<br/>A point of ‘convergence’ for different channels<br/>But, Channels that are ‘different’ streams (multiple medias):<br/><u>Websites</u><br/><u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/><u>files</u><br/><u>Excel</u><br/><u>Telephone</u><br/><u>Videophone</u><br/><u>Photo Album</u>”</p> | <p>“These ‘channels’ can be ... [a] videophone.”<br/>Ex. 2067 at p. 3.</p> |

## Exhibit 2065

| Claim Element                               | Exemplary Description in Emails | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document                  |
|---|---------------------------------|--|---|
|   |                                 | <p>Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”</p> <p>Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:</p> <ul style="list-style-type: none"> <li>-<u>Websites</u></li> <li>-<u>O/S</u></li> <li>-<u>Apps</u> Word, Excel<br/>Videophone,<br/>Telephone</li> <li>- TV Channel</li> <li>- Radiostation<br/>(broadcast/webcast)</li> <li>-Intranet</li> </ul> <p>A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/>(2) broadcast info-serve”</p> <p>Ex. 2023 at p. 20.</p> |   |
| 36. The electronic readable memory of claim |                                 | <p>“It is a ‘fulcrum’<br/>A point of ‘convergence’ for</p>   | <p>“SurfCast software is a ‘programme guide’ in that it</p> |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document  |
|--|---------------------------------|---|---|
| 22 further comprising a set of instructions to deliver a frame of a broadcast TV signal to a selected tile of said array of tiles. |                                 | <p>different channels<br/>But, Channels that are ‘different’ streams (multiple medias):<br/><u>Websites</u><br/><u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/><u>files</u><br/><u>Excel</u><br/><u>Telephone</u><br/><u>Videophone</u><br/><u>Photo Album</u>”<br/>Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/>Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/>-<u>Websites</u><br/>-<u>O/S</u><br/>-<u>Apps</u> Word, Excel</p> | <p>guides users to programmes or content channels. For a PC connected to a ‘broadband network’ (such as a cable modem network), SurfCast is a dynamic electronic programme guide (‘EPG’) that allows users to navigate to television channels, but also Web sites, and ‘convergence channels’ or ‘broadband channels’ which deliver so-called ‘convergence content’. Existing EPGs guide to television channels.”<br/>Ex. 2067 at p. 2.</p> <p>“A SurfCast tile is like a shortcut, except tiles are animated. Each tile behaves like a ‘desktop shortcut’ in that it can click to a file in RAM or on the hard drive (i.e. a shortcut to a document, file, folder, or application); however, each tile also can navigate to a server on a network (Internet;</p> |



# Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|--|---------------------------------|--|---|
|  |                                 | <p>Videophone,<br/>Telephone</p> <ul style="list-style-type: none"> <li>- TV Channel</li> <li>- Radiostation (broadcast/webcast)</li> <li>-Intranet</li> </ul> <p>A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/>(2) broadcast info-serve”<br/>Ex. 2023 at p. 20.</p>         | <p>intranet, extranet, satellite, terrestrial television, wireless, cable TV).”<br/>Ex. 2067 at p. 3.</p> |
| <p>37. The electronic readable memory of claim 22 further comprising a set of instructions to deliver information from a network document to a selected tile of said array of tiles.</p> |                                 | <p>“It is a ‘fulcrum’<br/>A point of ‘convergence’ for different channels<br/>But, Channels that are ‘different’ streams (multiple medias):<br/><u>Websites</u><br/><u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/><u>files</u><br/><u>Excel</u><br/><u>Telephone</u><br/><u>Videophone</u></p> | <p>“These ‘channels’ can be: ... files (Word, Excel, ...).”<br/>Ex. 2067 at p. 3.</p>                     |

# Exhibit 2065

| Claim Element      | Exemplary Description in Emails | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document |
|--------------------|---------------------------------|---|--|
|                    |                                 | <p><u>Photo Album</u>”<br/>Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/>Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/> <ul style="list-style-type: none"> <li>-<u>Websites</u></li> <li>-<u>O/S</u></li> <li>-<u>Apps</u> Word, Excel<br/> Videophone,<br/> Telephone</li> <li>- TV Channel</li> <li>- Radiostation<br/> (broadcast/webcast)</li> <li>-Intranet</li> </ul> A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/> (2) broadcast info-serve”<br/> Ex. 2023 at p. 20.</p> |  |
| 38. The electronic | "mini ‘screens’ on one page     | “It is a ‘fulcrum’  | “A SurfCast tile is like a                 |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document  |
|---|--|---|---|
| readable memory of claim 22 further comprising a set of instructions to deliver a web page to a selected tile of said array of tiles. | ... an epg whereby my 20 fav websites are 'playing'"<br>Ex. 2036 at p. 2,<br>EX. 2026. | A point of 'convergence' for different channels<br>But, Channels that are 'different' streams (multiple medias):<br><u>Websites</u><br><u>TV Shows</u> (If one has a WebTV, he gets the channel)<br><u>files</u><br><u>Excel</u><br><u>Telephone</u><br><u>Videophone</u><br><u>Photo Album</u> "<br>Ex. 2023 at p. 5.<br><br>"Tiles can be:<br>- <u>Websites</u><br>- <u>O/S</u><br>- <u>Apps</u> Word, Excel<br>Videophone,<br>Telephone<br>- TV Channel<br>- Radiostation<br>(broadcast/webcast) | bookmark, except addresses are 'live links', i.e. live connections to sites or channels. Each tile behaves like (has similar properties to) a 'bookmark' in that it points to an address, which when clicked navigates to a site or 'content channel'. Each tile does not simply point to an address, but maintains a live connection to a channel. These 'channels' can be: Web sites; intranet sites; files; folders; applications (Word, Excel, Internet telephone, videophone); television programmes; or a 'broadband channels', for instance."<br>Ex. 2067 at p. 3. |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|--|---------------------------------|--|---|
|  |                                 | <p style="text-align: center;">-Intranet</p> <p>A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/>(2) broadcast info-serve”<br/>Ex. 2023 at p. 20.</p> |   |
| 39. The electronic readable memory of claim 22 wherein said first retrieval rate is different from said second retrieval rate. |                                 | <p>“One of the Tiles/Thumbnails could randomly change every 5/10/15 seconds.”<br/>Ex. 2023 at p. 7.</p>  | <p>“The user can ... configure tiles with attributes/properties such as frame rate.”<br/>Ex. 2067 at p. 2.</p> <p>“a user can ... configure the refresh rate of each tile.”<br/>Ex. 2067 at p. 3.</p> |
| 40. The electronic readable memory of claim 22 wherein said array comprises more than one row and more than one column.        |                                 | <p>See figure of a grid.<br/>Ex. 2023 at p. 6.</p>   | <p>See figure of grid.<br/>Ex. 2067 at p. 2.</p>  |
| 41. The electronic readable memory of claim 22 further comprising a set of instructions for                                    |                                 | <p>See uniform tile size in figure of grid.<br/>Ex. 2023 at p. 6.</p>  | <p>See uniform tile size in figure of grid.<br/>Ex. 2067 at p. 2.</p>   |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|---|--|---|--|
| uniformly assigning at least one attribute of each tile in said array of tiles.                             |  | “Refreshed every minute.”<br>Ex. 2023 at p. 7.  | “Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcaster.com">www.surfcaster.com</a> carousel.”<br>Ex. 2067 at p. 3.   |
| 42. The electronic readable memory of claim 41 wherein said attribute is a retrieval rate.                  |  | “Refreshed every minute.”<br>Ex. 2023 at p. 7.  | “Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcaster.com">www.surfcaster.com</a> carousel.”<br>Ex. 2067 at p. 3.   |
| 43. The electronic readable memory of claim 22 wherein said first retrieval rate is assigned automatically. |  | “So every channel grabs a frame from source updates once a minute.<br>Refreshed every minute.”<br>Ex. 2023 at p. 7.   |  |
| 46. A system for facilitating the organization and management of multiple data sources, comprising:         | <p>"websites as channels ... In my home, on my pc, not out on the web" Ex. 2036 at p. 2, Ex. 2026 at pp. 1-2.</p> <p>"kinda like an advanced bookmarks page"<br/>Ex. 2036 at p. 1,<br/>Ex. 2026 at p. 2.</p> | <p>“SurfCast is <u>Network (Architecture Design)</u> Organises info in such a way that it is ‘unified’ or alive’ all info is an ‘<u>active object</u>’ or ‘<u>active channel</u>’”<br/>Ex. 2023 at p. 24.</p> | <p>“SurfCast is client software. SurfCast is a useful, convenient and fun application that organises and guides a user’s entire On-Line experience. ... The SurfCast software allows PC users to uniquely and easily configure their own desktop.”<br/>Ex. 2067 at p. 2.</p> |

# Exhibit 2065

| Claim Element  | Exemplary Description in Emails  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document   |
|--|--|--|--|
|  | <p>"simple but functional front-page, my home page ... delivers my smart agent queries and other info right to me on a plate with the other things I want"</p> <p>EX. 2036 at p. 2,<br/>EX. 2026 at p. 1.</p>  |  | <p>"SurfCast software is an 'organiser'..."</p> <p>Ex. 2067 at p. 2.</p>   |
| <p>[46a] a device that includes a processor configured to execute instructions, a memory connected to said processor to store at least one program that includes a graphical user interface, and an input device, wherein said processor executes instructions to:</p> | <p>"I want a really simple but functional front-page, my home page to be something that delivers my smart agent queries and other info right to me on a plate—with the other things I want." Ex. 2036 at p. 2.</p> <p>"you have a pc in front of you ... Most people on a network..."</p> <p>Ex. 2036 at p. 3.</p> <p>"can you imagine chip/modem/ram [] that can handle 24 simultaneous</p> | <p>"The software (&amp;architecture) is a 'network' because it is a choice a programme guide." Ex. 2023 at p. 5.</p> <p>"The client is working in RAM the server/DataFarm is the hard disk or memory." Ex. 2023 at p. 13.</p> <p>What is unique is this <u>graphicui</u> 'becomes' your screen, your desktop</p> <p>The GUI is a 36/64/etc grid, or tiles or mosaic.</p> | <p>"SurfCast is a network solution with a dynamic GUI client, and big fat servers that carousel multiple types of content, whether they be files, applications, Web sites, TV channels, or convergence channels."</p> <p>Ex. 2067 at p. 4.</p> |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails   | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document   |
|---|---|--|--|
|   | streams?”<br>Ex. 2036 at p. 4.  | These Tiles are ‘programmable’, or ‘configurable’<br>configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br>- explode<br>rightclick – refresh<br>leftclick-audio(if any)<br>doubleclick-<br>Navigate”<br>Ex. 2023 at p. 19.                             |  |
| [46b] control simultaneous communication with a plurality of information sources; | <p>“I want a really simple but functional front-page, my home page to be something that delivers my smart agent queries and other info right to me on a plate—with the other things I want.” Ex. 2036 at p. 2.</p> <p>“I want it all there.<br/>Amazon. Db. Search engine. Nyt. Wallst. Economist. Fishing. Ski</p> | <p>“It is a ‘fulcrum’<br/>A point of ‘convergence’ for different channels<br/>But, Channels that are ‘different’ streams (multiple medias):<br/><u>Websites</u><br/><u>TV Shows</u> (If one has a WebTV, he gets the channel)<br/><u>files</u><br/><u>Excel</u><br/><u>Telephone</u></p> | <p>“SurfCast software is like a browser, except the user has effectively 64 (or more) concurrent or simultaneous Web sites or channels.”<br/>Ex. 2067 at p. 2.</p> <p>“A SurfCast tile is like a bookmark, except addresses are ‘live links’, i.e. live connections to sites or channels. Each tile behaves like (has similar properties to) a ‘bookmark’ in</p> |

## Exhibit 2065

| Claim Element | Exemplary Description in Emails                                  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|---------------|--|--|---|
|               | report. All right there.”<br>Ex. 2036 at p. 2, Ex. 2026 at p. 1. | <p><u>Videophone</u><br/><u>Photo Album</u>”<br/>Ex. 2023 at p. 5.</p> <p>“Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”<br/>Ex. 2023 at p. 16.</p> <p>“<u>Tiles</u> can be:<br/> <ul style="list-style-type: none"> <li>-<u>Websites</u></li> <li>-<u>O/S</u></li> <li>-<u>Apps</u> Word, Excel<br/>Videophone,<br/>Telephone</li> <li>- TV Channel</li> <li>- Radiostation<br/>(broadcast/webcast)</li> <li>-Intranet</li> </ul> </p> <p>A Tile becomes a ‘<u>Channel</u>’ representing (1) stored info – hard drive<br/>(2) broadcast info-serve”<br/>Ex. 2023 at p. 20.</p> | <p>that it points to an address, which when clicked navigates to a site or ‘content channel’. Each tile does not simply point to an address, but maintains a live connection to a channel. These ‘channels’ can be: Web sites; intranet sites; files; folders; applications (Word, Excel, Internet telephone, videophone); television programmes; or a ‘broadband channels’, for instance.”<br/>Ex. 2067 at p. 3.</p> |



## Exhibit 2065

| Claim Element                                  | Exemplary Description in Emails   | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document   |
|--|---|--|--|
| [46c]arrange a display into an array of tiles; | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1.</p> <p>"I want a really simple but functional front-page. ... i want everything at my fingertips. i want bookmakrs [sic] yes--all on one page in my face all the time, so everything I want (12 or 24) buttons or mini ‘screens’ on one page"<br/>Ex. 2036 at p. 2, Ex. 2026 at p. 1.</p> <p>“an epɡ whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or streaming”<br/>Ex. 2036 at p. 2.</p> <p>“dynamic views”</p> | <p>“What is happening at the client? ... sits over Windows ... Open Computer, TurnOn, you see SurfCast”<br/>Ex. 2023 at p. 6 (see also grid figure on the same page)</p> <p>“You click and it opens/explodes an app like Windows, or Excel; or it’ll dial right to Surfcast and update all the <u>Tiles</u>”<br/>Ex. 2023 at p. 6.</p> <p>“These channels are represented on the client by (resembling) a Mosaid grid This grid covers the entire screen hence it sits on top of Microsoft O/S Win95 becomes a ‘channel’ The Mosaic can be ‘programmed to simply</p> | <p>“a SurfCast enabled PC screen is a grid of tiles covering the entire PC screen.”<br/>Ex. 2067 at p. 2.</p> <p>“SurfCast software is a dynamic GUI: a mosaic of clickable 'streaming thumbnails'.”<br/>Ex. 2067 at p. 2.</p> |

## Exhibit 2065

| Claim Element | Exemplary Description in Emails   | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document |
|---------------|---|--|--|
|               | <p>Ex. 2036 at p. 3.</p> <p>“what i want is a home page—one page—in my face with what i want and need. i subscribe to the ny times, wallst journal, economist, newedge. i cruise and shop on amazon. i want a live ski report.</p> <p>Ex. 2036 at pp. 3-4.</p> <p>"ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"</p> <p>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>point to web address ...</p> <p>Each Tile can be ‘programmed’ to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel.”</p> <p>Ex. 2023 at p. 16.</p> <p>“Each Tile represents a ‘stream’ of info – an ‘address’ tuning that address to a location”</p> <p>Ex. 2023 at p. 18.</p> <p>“What is unique is this <u>graphicui</u> ‘becomes’ your screen, your desktop</p> <p>The GUI is a 36/64/etc grid, or tiles</p> <p>or mosaic.</p> <p>These Tiles are ‘programmable’, or ‘configurable’ configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover</p> |  |

# Exhibit 2065

| Claim Element  | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|--|--|---|--|
|  |  | <p>- explode<br/> rightclick – refresh<br/> leftclick-audio(if any)<br/> doubleclick-<br/> Navigate”<br/> Ex. 2023, at p. 19.</p> <p>“it is ‘over’ all other<br/> functions of hardware<br/> device<br/> it is over <u>Win95 Desktop</u>”<br/> Ex. 2023 at p. 20.</p> <p>“ ‘<u>Addresses</u>’ of Channels<br/> Can be for files, docs,<br/> images<br/> folders, database<br/> tvchannel, website,”<br/> Ex. 2023 at p. 23.</p> |  |
| [46d] associate a first information source of said plurality of information sources to a first tile of said array of tiles and a second information source | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/> Ex. 2036 at p. 1.</p> <p>"I want a really simple but</p> | <p>“These channels are represented on the client by (resembling) a Mosaid grid This grid covers the entire screen hence it sits on top of Microsoft O/S</p>   | <p>“The user can programme each tile to represent an address or application, as well as configure tiles with attributes/properties such as frame-rate.”<br/> Ex. 2067 at p. 2.</p> |

# Exhibit 2065

| Claim Element   | Exemplary Description in Emails   | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document |
|---|---|---|--|
| of said plurality of information sources to a second tile of said array of tiles; | <p>functional front-page. ... i want everything at my fingertips. i want bookmakrs [sic] yes--all on one page in my face all the time, so everything I want (12 or 24) buttons or mini 'screens' on one page"</p> <p>Ex. 2036 at p. 2, Ex. 2026 at p. 1.</p> <p>"an epq whereby my 20 fav websites are 'playing' and this is the operative word. what are they playing or streaming"</p> <p>Ex. 2036 at p. 2.</p> <p>"what i want is a home page—one page—in my face with what i want and need. i subscribe to the ny times, wallst journal, economist, newedge. i cruise and shop on amazon.</p> | <p>Win95 becomes a 'channel'</p> <p>The Mosaic can be 'programmed to <del>simply</del> point to web address ...</p> <p>Each Tile can be 'programmed' to point to <u>file</u> (word doc) <u>app</u> (Word Excel, TVChannel."</p> <p>Ex. 2023 at p. 16.</p> <p>"Each Tile represents a 'stream' of info – an 'address' tuning that address to a location"</p> <p>Ex. 2023 at p. 18.</p> <p>"What is unique is this <u>graphicui</u> 'becomes' your screen, your desktop</p> <p>The GUI is a 36/64/etc grid, or tiles</p> <p>or mosaic.</p> <p>These Tiles are 'programmable', or 'configurable'</p> |  |

# Exhibit 2065

| Claim Element   | Exemplary Description in Emails   | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|---|---|--|---|
|   | <p>i want a live ski report.<br/>Ex. 2036 at pp. 3-4.</p> <p>"ultradynamic screen that has actually 24 (or so) web site in my face all the time, but they are minitiarised, like an inch square, like a mosaic"<br/>Ex. 2036 at p. 4,<br/>Ex. 2027 at p. 1.</p> | <p>configure to be <u>streaming thumbnails</u> which are <u>clickable</u> to: mouseover<br/>- explode<br/>    rightclick – refresh<br/>    leftclick-audio(if any)<br/>    doubleclick-<br/>    Navigate”<br/>Ex. 2023, at p. 19.</p> <p>“ ‘<u>Addresses</u>’ of Channels<br/>    Can be for files, docs, images<br/>    folders, database<br/>    tvchannel, website,”<br/>Ex. 2023 at p. 23.</p> |   |
| <p>[46e] retrieve information from said first information source in accordance with a first retrieval rate and retrieve information from said second information source in accordance with a second retrieval rate; and</p> | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1.</p> <p>an epg whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or</p>  | <p>“So the Computer doesn’t have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each ‘member.’ So, every <u>frame/second/</u> a new tile/channel updates. So every channel grabs a frame from source updates once a</p>  | <p>“A SurfCast tile is like a bookmark, except addresses are 'live links,' i.e. live connections to sites or channels.”<br/>Ex. 2067 at p. 3.</p> <p>Each tile behaves like a 'streaming thumbnail' in that it continually refreshes (the refresh</p> |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|---|--|---|--|
|   | <p>streaming”<br/>Ex. 2036 at p. 2.</p> <p>“Buttons and dynamic views”<br/>Ex. 2036 at p. 3.</p> <p>"I get to 'see' what is happening on the websites I care about in realtime ... instead of static content, it'll be streaming content."<br/>Ex. 2036 at p. 4, Ex. 2027 at p. 1.</p> | <p>minute.<br/>Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“each of the ‘channels’ tiles is <u>streaming</u>”<br/>Ex. 2023 at p. 21</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:<br/>...<br/> <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20.</p> | <p>rate can be configured by the user).”<br/>Ex. 2067 at p. 3.</p>   |
| <p>[46f] present information to said first tile in accordance with said first retrieval rate and present information to said second tile in accordance with said second retrieval rate.</p> | <p>“it’s kinda like an advanced bookmarks page. But with dynamics”<br/>Ex. 2036 at p. 1.</p> <p>“an epg whereby my 20 fav websites are ‘playing’ and this is the operative word. what are they playing or</p>  | <p>“So the Computer doesn’t have 64 live feeds (it could if the PC could buffer) it has a mux/remux for each ‘member.’ So, every <u>frame/second/</u> a new tile/channel updates. So every channel grabs a frame from source updates once a</p>   | <p>“Each tile behaves like (has similar properties to) a 'bookmark' in that it points to an address ... but maintains a live connection to a channel.”<br/>Ex. 2067 at p. 3.</p> <p>“The user can programme each tile to represent an address or</p> |

## Exhibit 2065

| Claim Element   | Exemplary Description in Emails  | Exemplary Description in Notebook  | Exemplary Description in SurfCast Document  |
|---|--|--|---|
|   | <p>streaming”<br/>Ex. 2036 at p. 2.</p> <p>“Buttons and dynamic views”<br/>Ex. 2036 at p. 3.</p> <p>"I get to 'see' what is happening on the websites I care about in realtime ... instead of static content, it'll be streaming content."<br/>Ex. 2036 at p. 4, Ex. 2027 at p. 1.</p> | <p>minute.<br/>Refreshed every minute.”<br/>Ex. 2023 at p. 7.</p> <p>“each of the ‘channels’ tiles is <u>streaming</u>”<br/>Ex. 2023 at p. 21.</p> <p>“These tiles act like <u>desktop shortcuts</u><br/><u>Except</u> they are animated:<br/>...<br/> <ul style="list-style-type: none"> <li>• refresh</li> <li>• Streaming (1fpmin)”</li> </ul> Ex. 2023 at p. 20.</p> | <p>application.”<br/>Ex. 2067 at p. 2.</p> <p>“Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcast.com">www.surfcast.com</a> carousel.”<br/>Ex. 2067 at p. 3.</p> |
| 47. The system of claim 46 wherein said array comprises more than one row and more than one column. |  | See figure of a grid.<br>Ex. 2023 at p. 6.   | See figure of grid.<br>Ex. 2067 at p. 2.  |
| 48. The system of claim 46 wherein said processor additionally executes                             |  | See uniform tile size in figure of grid.<br>Ex. 2023 at p. 6.  | See uniform tile size in figure of grid.<br>Ex. 2067 at p. 2.   |

## Exhibit 2065

| Claim Element  | Exemplary Description in Emails | Exemplary Description in Notebook   | Exemplary Description in SurfCast Document   |
|--|---------------------------------|---|--|
| instructions for uniformly assigning at least one attribute of each tile in said array of tiles. |                                 | “Refreshed every minute.”<br>Ex. 2023 at p. 7.  | “Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcaster.com">www.surfcaster.com</a> carousel.”<br>Ex. 2067 at p. 3. |
| 49. The system of claim 48 wherein said attribute is a retrieval rate.                           |                                 | “Refreshed every minute.”<br>Ex. 2023 at p. 7.  | “Each tile grabs a frame from its source every cycle of the <a href="http://www.surfcaster.com">www.surfcaster.com</a> carousel.”<br>Ex. 2067 at p. 3. |
| 50. The system of claim 46 wherein said first retrieval rate is assigned automatically.          |                                 | “So every channel grabs a frame from source updates once a minute.<br>Refreshed every minute.”<br>Ex. 2023 at p. 7. |  |