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| Substitute for form 1449/PTO | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 14/134,926 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | James J. FALLON |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 24 | of | 29 | | |

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| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 27 | of | 29 | Attorney Docket Number | 2855.0050008 |

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| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
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| | | | | Examiner Name | BOCURE, Tesfaldet |
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| | NPL72 | Defendants' Invalidation Contentions, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 34 pages. | | |
| | NPL73 | Appendix A, Obviousness Chart for U.S. Patent No. 7,777,651, not dated, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 466 pages. | | |
| | NPL74 | Appendix B, § 112 Invalidation Arguments for U.S. Pat. No. 7,777,651, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 75 pages. | | |
| | NPL75 | Exhibit 1, Prior Art Chart for U.S. Pat. No. 7,777,651, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 161 pages, citing Aakre et al., U.S. Patent No. 4,956,808. | | |
| | NPL76 | Exhibit 2, Prior Art Chart for U.S. Pat. No. 7,777,651, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 206 pages, citing Albert et al., U.S. Patent No. 5,907,801. | | |
| Examiner Signature | /Tefaldet Bocure/ | | Date Considered | 02/19/2014 |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 9 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² | |
| | NPL77 | Exhibit 3, Prior Art Chart for U.S. Pat. No. 7,777,651, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 95 pages, citing B. Andrews, P. Chou, M. Effros and R. Gray "A Mean-Removed Variation of Weighted Universal Vector Quantization for Image Coding," IEEE 0-8186-3392-1/93, 302-309 (1993). | | |
| | NPL78 | Exhibit 4, Prior Art Chart for U.S. Pat. No. 7,777,651, 144 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Barnes et al., U.S. Patent No. 6,792,151. | | |
| | NPL79 | Exhibit 5, Prior Art Chart for U.S. Pat. No. 7,777,651, 216 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Birdwell et al., U.S. Patent No. 6,032,197. | | |
| | NPL80 | Exhibit 6, Prior Art Chart for U.S. Pat. No. 7,777,651, 257 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Bledsoe, U.S. Patent No. 4,646,061. | | |
| | NPL81 | Exhibit 7, Prior Art Chart for U.S. Pat. No. 7,777,651, 169 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Brickman et al., U.S. Patent No. 4,499,499. | | |
| Examiner Signature | /Tefaldet Bocure/ | | Date Considered | 02/19/2014 |

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| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 10 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL82 | Exhibit 8, Prior Art Chart for U.S. Pat. No. 7,777,651, 396 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing C. Bormann et al., "Robust Header Compression (ROHC)," Network Working Group Internet-Draft Sept. 18, 2000. | |
| | NPL83 | Exhibit 9, Prior Art Chart for U.S. Pat. No. 7,777,651, 253 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Carr, U.S. Patent No. 5,293,379. | |
| | NPL84 | Exhibit 10, Prior Art Chart for U.S. Pat. No. 7,777,651, 205 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Cellier et al., U.S. Patent No. 5,884,269. | |
| | NPL85 | Exhibit 11, Prior Art Chart for U.S. Pat. No. 7,777,651, 181 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Chu, U.S. Patent Nos. 5,374,916 & 5,467,087. | |
| | NPL86 | Exhibit 12, Prior Art Chart for U.S. Pat. No. 7,777,651, 175 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Cisco IOS Data Compression White Paper (Cisco Systems Inc., 1997). | |

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| | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 11 | of | 97 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL87 | Exhibit 13, Prior Art Chart for U.S. Pat. No. 7,777,651, 590 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Comstock - S&P ComStock Developers Guides (McGraw-Hill, 1994); Rich Barton, "S&P ComStock Network Character Set Definition" (February 10, 1995). | |
| | NPL88 | Exhibit 14, Prior Art Chart for U.S. Pat. No. 7,777,651, 186 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing D.J. Craft. "A fast hardware data compression algorithm and some algorithmic extensions," IBM J. Res. Develop. Vol. 42, No. 6 (November 1998). | |
| | NPL89 | Exhibit 15, Prior Art Chart for U.S. Pat. No. 7,777,651, 142 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Deering, U.S. Patent No. 6,459,429. | |
| | NPL90 | Exhibit 16, Prior Art Chart for U.S. Pat. No. 7,777,651, 284 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Dye et al., U.S. Patent No. 7,190,284 and International Publication No. WO 00/45516. | |
| | NPL91 | Exhibit 17, Prior Art Chart for U.S. Pat. No. 7,777,651, 269 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Earl et al., U.S. Patent No. 5,341,440. | |

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| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 12 | of | 97 | |

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| | NPL92 | Exhibit 18, Prior Art Chart for U.S. Pat. No. 7,777,651, 132 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Eastman et al., U.S. Patent No. 4,464,650. | |
| | NPL93 | Exhibit 19, Prior Art Chart for U.S. Pat. No. 7,777,651, 125 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Elgamal et al., U.S. Patent No. 5,410,671. | |
| | NPL94 | Exhibit 20, Prior Art Chart for U.S. Pat. No. 7,777,651, 122 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Enari et al., EP 0493103. | |
| | NPL95 | Exhibit 21, Prior Art Chart for U.S. Pat. No. 7,777,651, 379 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Fascenda, U.S. Patent No. 5,045,848. | |
| | NPL96 | Exhibit 22, Prior Art Chart for U.S. Pat. No. 7,777,651, 218 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Frachtenberg et al., U.S. Patent. Pub. 2003/0030575. | |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 13 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL97 | Exhibit 23, Prior Art Chart for U.S. Pat. No. 7,777,651, 247 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Franaszek et al., U. S. Patent No. 5,870,036. | |
| | NPL98 | Exhibit 24, Prior Art Chart for U.S. Pat. No. 7,777,651, 327 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing French et al., U.S. Patent No. 5,794,229. | |
| | NPL99 | Exhibit 25, Prior Art Chart for U.S. Pat. No. 7,777,651, 225 pages, Exhibit 24, Prior Art Chart for U.S. Pat. No. 7,777,651, 327 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Geiger et al., U.S. Patent No. 5,987,022. | |
| | NPL100 | Exhibit 26, Prior Art Chart for U.S. Pat. No. 7,777,651, 219 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Gentile, U.S. Patent No. 5,504,842. | |
| | NPL101 | Exhibit 27, Prior Art Chart for U.S. Pat. No. 7,777,651, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, 167 pages, citing Giltner et al., U.S. Patent No. 4,386,416. | |

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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 02/19/2014 |
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| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 14 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL102 | Exhibit 28, Prior Art Chart for U.S. Pat. No. 7,777,651, 156 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Gooch, U.S. Patent No. 4,325,085. | |
| | NPL103 | Exhibit 29, Prior Art Chart for U.S. Pat. No. 7,777,651, 132 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Hauck, U.S. Patent No. 4,626,829. | |
| | NPL104 | Exhibit 30, Prior Art Chart for U.S. Pat. No. 7,777,651, 161 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Heath, U.S. Patent No. 5,955,976. | |
| | NPL105 | Exhibit 31, Prior Art Chart for U.S. Pat. No. 7,777,651, 359 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Hewlett-Packard Company, "Installing and Administering PPP," B2355-90137, HP 9000 Networking, E0948 (1st Ed. 1997). | |
| | NPL106 | Exhibit 32, Prior Art Chart for U.S. Pat. No. 7,777,651, 229 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Hsu & Zwarico, Automatic Synthesis of Compression Techniques for Heterogeneous Files, Software-Practice & Experience, vol. 25(10), pp.1097-1116 (October 1995). | |

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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 02/19/2014 |
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| | | | Filing Date | December 19, 2013 | |
| | | | First Named Inventor | FALLON et al. | |
| | | | Art Unit | 2634 | |
| | | | Examiner Name | BOCURE, Tesfaldet | |
| Sheet | 15 | of | 97 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL107 | Exhibit 33, Prior Art Chart for U.S. Pat. No. 7,777,651, 206 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing ICT XML-Xpress White Paper (Intelligent Compression Technologies Inc., 2000) & website. | |
| | NPL108 | Exhibit 34, Prior Art Chart for U.S. Pat. No. 7,777,651, 138 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing ICT XpressFiles White Paper (Intelligent Compression Technologies Inc., 1999) & website. | |
| | NPL109 | Exhibit 35, Prior Art Chart for U.S. Pat. No. 7,777,651, 128 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Iseda et al., E.P. 0405572 A2. | |
| | NPL110 | Exhibit 36, Prior Art Chart for U.S. Pat. No. 7,777,651, 205 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing J. Danskin, "Compressing the X Graphics Protocol," Princeton University (Jan. 1995). | |
| | NPL111 | Exhibit 37, Prior Art Chart for U.S. Pat. No. 7,777,651, 159 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Kalkstein, U.S. Patent No. 5,945,933. | |

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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 02/19/2014 |
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| | | | | Attorney Docket Number | 2855.0050008 |
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| | NPL112 | Exhibit 38, Prior Art Chart for U.S. Pat. No. 7,777,651, 402 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Kari, U.S. Patent No. 6,434,168; International Publication No. WO97/48212 A1. | |
| | NPL113 | Exhibit 39, Prior Art Chart for U.S. Pat. No. 7,777,651, 209 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Koopmas et al., U.S. Patent No. 7,024,460. | |
| | NPL114 | Exhibit 40, Prior Art Chart for U.S. Pat. No. 7,777,651, 214 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Kopf, U.S. Patent No. 5,825,830. | |
| | NPL115 | Exhibit 41, Prior Art Chart for U.S. Pat. No. 7,777,651, 281 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Kopf, U.S. Patent No. 5,825,830. | |
| | NPL116 | Exhibit 42, Prior Art Chart for U.S. Pat. No. 7,777,651, 340 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Lane et al., U.S. Patent No. 5,521,940. | |

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| | | | | Attorney Docket Number | 2855.0050008 |
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| | NPL117 | Exhibit 43, Prior Art Chart for U.S. Pat. No. 7,777,651, 164 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Langdon, Jr. et al., U.S. Patent No. 4,494,108. | |
| | NPL118 | Exhibit 44, Prior Art Chart for U.S. Pat. No. 7,777,651, 211 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Lavallee, U.S. Patent No. 6,215,904. | |
| | NPL119 | Exhibit 45, Prior Art Chart for U.S. Pat. No. 7,777,651, 103 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing M. Effros, P. Chou & R.M. Gray. "Variable Dimension Weighted Universal Vector Quantization and Noiseless Coding," IEEE 1068-0314/94 (1994). | |
| | NPL120 | Exhibit 46, Prior Art Chart for U.S. Pat. No. 7,777,651, 414 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing MacCrisken, U.S. Patent No. 4,730,348. | |
| | NPL121 | Exhibit 47, Prior Art Chart for U.S. Pat. No. 7,777,651, 319 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Madany et al., U.S. Patent No. 5,774,715. | |
| Examiner Signature | /Tesfaldet Bocure/ | | Date Considered 02/19/2014 |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 18 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|--------------------------|---|--------------------|------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² | |
| | NPL122 | Exhibit 48, Prior Art Chart for U.S. Pat. No. 7,777,651, 228 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Mark A. Roth and Scott J. Van Horn, "Database Compression" SIGMOD Record, Vol. 22, No. 3 (1993). | | |
| | NPL123 | Exhibit 49, Prior Art Chart for U.S. Pat. No. 7,777,651, 235 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Miller et al., U.S. Patent No. 4,814,746. | | |
| | NPL124 | Exhibit 50, Prior Art Chart for U.S. Pat. No. 7,777,651, 172 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing O'Brien et al., U.S. Patent No. 4,929,946. | | |
| | NPL125 | Exhibit 51, Prior Art Chart for U.S. Pat. No. 7,777,651, 30 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Osler et al., U.S. Patent No. 6,768,749. | | |
| | NPL126 | Exhibit 52, Prior Art Chart for U.S. Pat. No. 7,777,651, 103 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing P. G. Howard, F. Kossenti, S. Forchammer, and W. J. Rucklidge [1998]. "The Emerging JBIG2 Standard", IEEE Transactions On Circuits And Systems For Video Technology 8:7, 838-848. | | |
| Examiner Signature | /Tsfaldet Bocure/ | | Date Considered | 02/19/2014 |

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| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 19 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|--------------------------|---|--------------------|------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² | |
| | NPL127 | Exhibit 53, Prior Art Chart for U.S. Pat. No. 7,777,651, 218 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Panaoussis, U.S. Patent No. 5,949,355. | | |
| | NPL128 | Exhibit 54, Prior Art Chart for U.S. Pat. No. 7,777,651, 335 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Payne et al, U.S. Patent No. 6,021,433. | | |
| | NPL129 | Exhibit 55, Prior Art Chart for U.S. Pat. No. 7,777,651, 273 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Reynar et al, U. S. Patent No. 5,951,623. | | |
| | NPL130 | Exhibit 56, Prior Art Chart for U.S. Pat. No. 7,777,651, 399 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing RFC 1144: V. Jacobson, "Compressing TCP/IP Headers for Low-Speed Serial Links," Network Working Group, Request for Comments: 1144 (February 1990). | | |
| | NPL131 | Exhibit 57, Prior Art Chart for U.S. Pat. No. 7,777,651, 103 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing RFC 1661: Point-to-Point Protocol Working Group, "The Point-to-Point Protocol," RFC 1661 (William Simpson ed., Internet Engineering Task Force 1994); RFC 1662: Point-to-Point Protocol Working Group, "PPP in HDLC-like Framing," RFC 1662 (William Simpson ed., Internet Engineering Task Force 1994); RFC 1962: Dave Rand, "The PPP compression Control Protocol (CCP)," RFC 1962 (Internet Engineering Task Force 1996); RFC 1332: Glenn McGregor, "The PPP Internet Protocol Control Protocol (IPCP)," RFC 1332 (Internet Engineering Task Force 1992); RFC 2509: Mathias Engan et al., "IP Header Compression over IP," RFC 2509 (Internet Society 1999). | | |
| Examiner Signature | /Tesfaldet Bcure/ | | Date Considered | 02/19/2014 |

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| | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 20 | of | 97 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL132 | Exhibit 58, Prior Art Chart for U.S. Pat. No. 7,777,651, 218 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing RFC 2507: Mikael Degermark et al., "IP Header Compression," RFC 2507 (Internet Society 1999). | |
| | NPL133 | Exhibit 59, Prior Art Chart for U.S. Pat. No. 7,777,651, 335 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Roper et al., U.S. Patent No. 5,454,079. | |
| | NPL134 | Exhibit 60, Prior Art Chart for U.S. Pat. No. 7,777,651, 273 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Sebastian, U.S. Patent No. 6,253,264 and International Publication No. WO/1998/039699. | |
| | NPL135 | Exhibit 61, Prior Art Chart for U.S. Pat. No. 7,777,651, 399 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Seroussi et al., U.S. Patent No. 5,243,341. | |
| | NPL136 | Exhibit 62, Prior Art Chart for U.S. Pat. No. 7,777,651, 322 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Seroussi et al., U.S. Patent No. 5,389,922. | |

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| Examiner Signature | /Tesfaldet BOCURE/ | Date Considered | 02/19/2014 |
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| | NPL137 | Exhibit 63, Prior Art Chart for U.S. Pat. No. 7,777,651, 102 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Shin, U.S. Patent No. 5,455,680. | |
| | NPL138 | Exhibit 64, Prior Art Chart for U.S. Pat. No. 7,777,651, 126 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Taaffe et al., U.S. Patent No. 5,179,651. | |
| | NPL139 | Exhibit 65, Prior Art Chart for U.S. Pat. No. 7,777,651, 313 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Telekurs Ticker - "Telekurs Ticker Service: Programmer's Reference," Telekurs (North America), Inc. (January 11, 1993); C. Helck. "Encapsulated Ticker: Ver. 1.0," Telekurs NA, 1-22 (July 14, 1993); A-T FINANCIAL OFFERS MANIPULATION, REDISTRIBUTION OF TICKER III, Micro Ticker Report, v 4, n 14 (Sept 5, 1989); V. Kulkosky, "Upping the Ante" Wall Street & Technology, v11 n5 pp: 8-11 (Oct 1993); "Telekurs to Launch New Int'l Feed/Internet Server," Wall Street & Technology, v15 n1 pp: 14 (Jan 1997); I. Schmerken, "Time running out for old technologies", Wall Street Computer Review, v7 n7 p14(7) (April, 1990); SCROLLING NEWS, Inside Market Data, v 10, n 11 (Feb 27, 1995); TELEKURS BUYS S&P TRADING SYSTEMS AND ITS TICKER III FEED, Micro Ticker Report, v 4, n 11 (July 10, 1989); TELEKURS MAY DEBUT 128 KPS TICKER BY YEAR'S END, Inside Market Data, v 9, n 21 (July 18, 1994); TELEKURS NOW CARRIES ALL DOW JONES' NEWS ON 56-KBPS TICKER, Inside Market Data, v9, n7 (Dec 20, 1993); TELEKURS SELLS NO. AMERICAN DIVISION IN MGMT. BUYOUT, Inside Market Data, v11, n3 (Oct 23, 1995). | |
| | NPL140 | Exhibit 66, Prior Art Chart for U.S. Pat. No. 7,777,651, 265 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Tyler et al., U.S. Patent No. 5,638,498. | |

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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 02/19/2014 |
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| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 22 | of | 97 | | |

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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL141 | Exhibit 67, Prior Art Chart for U.S. Pat. No. 7,777,651, 86 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing UNI International Standard ISO 3309-1984 (E) [1984]. "Information Processing Systems -- Data Communication -- High-level Data Link Control Procedures --Frame Structure," 1-6 (1984). | |
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| | NPL143 | Exhibit 69, Prior Art Chart for U.S. Pat. No. 7,777,651, 80 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Vange et al., U.S. Patent No. 7,127,518. | |
| | NPL144 | Exhibit 70, Prior Art Chart for U.S. Pat. No. 7,777,651, 197 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Wernikoff et al., U.S. Patent No. 3,394,352. | |
| | NPL145 | Exhibit 71, Prior Art Chart for U.S. Pat. No. 7,777,651, 253 pages, Exhibit 70, Prior Art Chart for U.S. Pat. No. 7,777,651, 197 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing Willis et al., U.S. Patent No. 4,745,559; Boilen, U.S. Patent No. 4,750,135. | |

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| | NPL146 | Exhibit 72, Prior Art Chart for U.S. Pat. No. 7,777,651, 277 pages, Exhibit 71, Prior Art Chart for U.S. Pat. No. 7,777,651, 253 pages, Exhibit 70, Prior Art Chart for U.S. Pat. No. 7,777,651, 197 pages, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al., 6:09-cv-326-LED-JDL, 6:10-cv-248-LED-JDL, 6:10-cv-426-LED-JDL, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al., 6:09-cv-327-LED-JDL, 6:10-cv-246-LED-JDL, 6:10-cv-424-LED-JDL, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corp., et al., 6:09-cv-333-LED-JDL, 6:10-cv-247-LED-JDL, 6:10-cv-425-LED-JDL, United States District Court for the Eastern District of Texas Tyler Division, February 4, 2011, citing XMill - Hartmut Liefke & Dan Suci, "XMill: an Efficient Compressor for XML Data," University of Pennsylvania, Philadelphia, Pennsylvania, MS-CIS-99-26 (October 18, 1999); Hartmut Liefke & Dan Suci, "XMill: an Efficient Compressor for XML Data," Proceedings of SIGMOD, 2000; Hartmut Liefke & Dan Suci, "An Extensible Compressor for XML Data," SIGMOD Record, Vol. 29, No. 1 (March 2000); Dan Suci, "Data Management on the Web," Presentation at University of Washington College of Computer Science & Engineering, Seattle, WA (April 4, 2000). | |
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| | NPL150 | Appendix A: U.S. Patent No. 6,624,761 (The "761 Patent"), from Defendant Bloomberg L.P.'s Invalidity Contentions Pursuant to Patent Local Rule 3-3, Realtime Data, LLC d/b/a IXO vs. Thomson Reuters Corp., et al., 6:2009-cv-00333 LED-JDL, 6:2010-cv-00247 LED-JDL, 6:2010-cv-00425 LED-JDL, October 29, 2010, 37 pages. | |
| | NPL151 | Appendix B: U.S. Patent No. 7,161,506 (The "506 Patent"), from Defendant Bloomberg L.P.'s Invalidity Contentions Pursuant to Patent Local Rule 3-3, Realtime Data, LLC d/b/a IXO vs. Thomson Reuters Corp., et al., 6:2009-cv-00333 LED-JDL, 6:2010-cv-00247 LED-JDL, 6:2010-cv-00425 LED-JDL, October 29, 2010, 63 pages. | |
| | NPL152 | Appendix C: U.S. Patent No. 7,400,274 (The 274 Patent), from Defendant Bloomberg L.P.'s Invalidity Contentions Pursuant to Patent Local Rule 3-3, Realtime Data, LLC d/b/a IXO vs. Thomson Reuters Corp., et al., 6:2009-cv-00333 LED-JDL, 6:2010-cv-00247 LED-JDL, 6:2010-cv-00425 LED-JDL, October 29, 2010, 95 pages. | |

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| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 24 | of | 97 | Attorney Docket Number | 2855.0050008 |

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| | NPL153 | Appendix D: U.S. Patent No. 7,417,568 (The 568 Patent), from Defendant Bloomberg L.P.'s Invalidation Contentions Pursuant to Patent Local Rule 3-3, Realtime Data, LLC d/b/a IXO vs. Thomson Reuters Corp., et al., 6:2009-cv-00333 LED-JDL, 6:2010-cv-00247 LED-JDL, 6:2010-cv-00425 LED-JDL, October 29, 2010, 147 pages. | |
| | NPL154 | Appendix E: U.S. Patent No. 7,714,747 (The "747 Patent"), from Defendant Bloomberg L.P.'s Invalidation Contentions Pursuant to Patent Local Rule 3-3, Realtime Data, LLC d/b/a IXO vs. Thomson Reuters Corp., et al., 6:2009-cv-00333 LED-JDL, 6:2010-cv-00247 LED-JDL, 6:2010-cv-00425 LED-JDL, October 29, 2010, 137 pages. | |
| | NPL155 | Appendix F: Comparison of FAST to the Prior Art, from Defendant Bloomberg L.P.'s Invalidation Contentions Pursuant to Patent Local Rule 3-3, Realtime Data, LLC d/b/a IXO vs. Thomson Reuters Corp., et al., 6:2009-cv-00333 LED-JDL, 6:2010-cv-00247 LED-JDL, 6:2010-cv-00425 LED-JDL, October 29, 2010, 7 pages. | |
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| | | | | Art Unit | 2634 |
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| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 29 | of | 97 | | |

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| | NPL277 | Expert Report of James B. Gambrell on Inequitable Conduct filed on behalf of some of the defendants [Includes Appendices - Exhibits A-I] filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, June 10, 2009, 199 pgs. | |
| | NPL278 | Expert Report of Dr. James A. Storer on Invalidity filed on behalf of some of the defendants [Includes Appendices - Exhibits A-K (Exhibit A has been redacted pursuant to a protective order)] filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, June 10, 2009, 1090 pgs. | |
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| | NPL283 | Answers to the Second Amended Complaint and Counterclaims filed by Citrix Systems, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, February 17, 2009, 46 pgs. | |
| | NPL284 | Answers to the Second Amended Complaint and Counterclaims filed by F5 Networks, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, February 17, 2009, 17 pgs. | |
| | NPL285 | Answers to the Second Amended Complaint and Counterclaims filed by Averitt Express, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, February 17, 2009, 17 pgs. | |
| | NPL286 | Answers to the Second Amended Complaint and Counterclaims filed by DHL Express, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, February 17, 2009, 37 pgs. | |
| | NPL287 | Answers to the Second Amended Complaint and Counterclaims filed by Expand Networks, Inc, Interstate Battery System of America, Inc., and O'Reilly Automotive, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, February 17, 2009, 21 pgs. | |
| | NPL288 | Answers to the Second Amended Complaint and Counterclaims filed by Blue Coat Systems, Inc., Packeteer, Inc., 7-Eleven, Inc., ABM Industries, Inc., ABM Janitorial Services-South Central, Inc., and Build -A-Bear Workshop, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, February 18, 2009, 84 pgs. | |
| | NPL289 | Plaintiff's Response to the Answers to the Second Amended Complaint and Counterclaims filed by Citrix Systems, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 4, 2009, 24 pgs. | |
| | NPL290 | Plaintiff's Responses to the Answers to the Second Amended Complaint and Counterclaims filed by F5 Networks, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 4, 2009, 5 pgs. | |
| | NPL291 | Plaintiff's Responses to the Answers to the Second Amended Complaint and Counterclaims filed by Averitt Express, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 4, 2009, 5 pgs. | |
| | NPL292 | Plaintiff's Responses to the Answers to the Second Amended Complaint and Counterclaims filed by DHL Express, Inc, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 4, 2009, 17 pgs. | |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 38 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL293 | Plaintiff's Responses to the Answers to the Second Amended Complaint and Counterclaims filed by Expand Networks, Inc, Interstate Battery System of America, Inc., and O'Reilly Automotive, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 4, 2009, 15 pgs. | |
| | NPL294 | Plaintiff's Responses to the Answers to the Second Amended Complaint and Counterclaims filed by Blue Coat Systems, Inc., Packeteer, Inc., 7-Eleven, Inc., ABM Industries, Inc., ABM Janitorial Services-South Central, Inc., and Build -A-Bear Workshop, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 4, 2009, 34 pgs. | |
| | NPL295 | Opening Claim Construction Brief filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 5, 2009, 36 pgs. | |
| | NPL296 | Declaration of Jordan Adler in support of the Opening Claim Construction Brief filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 5, 2009, 214 pgs. | |
| | NPL297 | Motion for Partial Summary Judgment for Invalidity of some of the Patents in Suit for Indefiniteness, including the '104 patent, filed on behalf of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 16, 2009, 22 pgs. | |
| | NPL298 | Declaration of Michele E. Moreland in support Motion for Partial Summary Judgment for Invalidity of some of the Patents in Suit for Indefiniteness, including the '104 patent, filed on behalf of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LE, March 16, 2009, 168 pgs. | |
| | NPL299 | Declaration of James A. Storer in support Motion for Partial Summary Judgment for Invalidity of some of the Patents in Suit for Indefiniteness, including the '104 patent, filed on behalf of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LE, March 16, 2009, 27 pgs. | |
| | NPL300 | Joint Defendants Reply regarding Motion for Partial Summary Judgment for Invalidity of some of the Patents in Suit for Indefiniteness, including the '104 patent, filed on behalf of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LE, April 2, 2009, 20 pgs. | |
| | NPL301 | Responsive Briefs in Support of Claim Construction filed by Blue Coats Systems, Inc., Packeteer, Inc., 7-Eleven, Inc., ABM Industries, Inc., ABM Janitorial Services-South Central, Inc. and Build-A-Bear Workshop, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 19, 2009, 451 pgs. | |
| | NPL302 | Responsive Briefs in Support of Claim Construction filed by F5 Networks, Inc. and Averitt Express, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 19, 2009, 20 pgs. | |

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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 02/19/2014 |
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| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 39 | of | 97 | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL303 | Responsive Briefs in Support of Claim Construction filed by Citrix Systems, Inc., Expand Networks, Inc., DHL Express (USA), Inc., Interstate Battery System of America, Inc., and O'Reilly Automotive Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 19, 2009, 377 pgs. | |
| | NPL304 | Declaration of Dr. James A. Storer filed in Support of the Brief in Support of Claim Construction filed on behalf of F5 Networks, Inc. in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 19, 2009, 778 pgs. | |
| | NPL305 | Defendant Citrix Systems, Inc.'s Motion to Exclude Dr. Brian Von Herzen's Opinions Regarding Claim Construction filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 20, 2009, 244 pgs. | |
| | NPL306 | Plaintiff's Opposition to Defendant Citrix Systems, Inc.'s Motion to Exclude Dr. Brian Von Herzen's Opinions Regarding Claim Construction filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 6, 2009, 20 pgs. | |
| | NPL307 | Declaration of Karim Oussayef submitted in support of the Opposition of Plaintiff's Opposition to Defendant Citrix Systems, Inc.'s Motion to Exclude Dr. Brian Von Herzen's Opinions Regarding Claim Construction filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 6, 2009, 119 pgs. | |
| | NPL308 | Order of the Court Denying Defendant Citrix Systems, Inc.'s Motion to Exclude Dr. Brian Von Herzen's Opinions Regarding Claim Construction, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, April 6, 2009, 1 pg. | |
| | NPL309 | Parties Joint Submission of Terms to be Heard at the Markman Hearing filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 24, 2009, 5 pgs. | |
| | NPL310 | Order of the Court Regarding the terms to be heard at the Markman Hearing in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 24, 2009, 2 pgs. | |
| | NPL311 | Transcript of the Markman Hearing held on April 9, 2009 in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, 174 pgs. | |
| | NPL312 | Plaintiff's Reply Claim Construction Brief filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 30, 2009, 30 pgs. | |

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| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 40 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL313 | Declaration of Brian von Herzen in Support of the Plaintiff's Reply Claim Construction Brief filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 30, 2009, 25 pgs. | |
| | NPL314 | F5 Sur-Reply to Plaintiff's Claim Construction Brief filed by some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 3, 2009, 12 pg | |
| | NPL315 | Citrix Sur-Reply to Plaintiff's Claim Construction Brief filed by some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 3, 2009, 13 pgs. | |
| | NPL316 | Blue Coat Sur-Reply to Plaintiff's Claim Construction Brief filed by some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 3, 2009, 12 pgs. | |
| | NPL317 | Declaration of Michele Moreland in Support of Sur-Replies to Plaintiff's Claim Construction Brief filed by some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 3, 2009, 8 pgs. | |
| | NPL318 | Declaration of James Storer in Support of Sur-Replies to Plaintiff's Claim Construction Brief filed by some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 7, 2009, 6 pgs. | |
| | NPL319 | Plaintiff's Motion for Leave to Supplement the Parties' Joint Claim Construction and Prehearing Statement filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 8, 2009, 123 pgs. | |
| | NPL320 | Motion for Reconsideration of the Court's Order Denying Plaintiff's Motion for Leave to Supplement the Parties' Joint Claim Construction and Prehearing Statement filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 13, 2009, 3 pgs. | |
| | NPL321 | Citrix Systems' Opposition to Realtime Data's Motion for Reconsideration of Realtime's Motion for Leave to Supplement the Parties' Joint Claim Construction, filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 6 pgs. | |
| | NPL322 | Notice of Agreement to Claim Term between Plaintiff and Defendant filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 22, 2009, 3 pgs. | |

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| | | | Attorney Docket Number | 2855.0050008 |
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| | NPL323 | Provisional Claim Construction Order issued by the Court on June 2, 2009 in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, 28 pgs. | |
| | NPL324 | Citrix Request for Consideration and Objections to the Provisional Claim Construction Order issued by the Court on June 22, 2009 filed on behalf of some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 9, 2009, 22 pgs. | |
| | NPL325 | Blue Coat Request for Consideration and Objections to the Provisional Claim Construction Order issued by the Court on June 22, 2009 filed on behalf of some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED, U.S. District Court for the Eastern District of Texas, July 10, 2009, 9 pgs. | |
| | NPL326 | F5 Request for Consideration and Objections to the Provisional Claim Construction Order issued by the Court on June 22, 2009 filed on behalf of some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 10, 2009, 15 pgs. | |
| | NPL327 | Comtech AHA Corporation's Complaint in Intervention against the Plaintiff filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, April 6, 2009, 8 pgs. | |
| | NPL328 | Report and Recommendation of United States Magistrate Judge on Motion for Partial Summary Judgment issued on June 23, 2009, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, 22 pgs. | |
| | NPL329 | Blue Coat Defendants' Report and Recommendations Regarding Motion for Partial Summary Judgment of Invalidity for Indefiniteness in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 8, 2009, 18 pgs. | |
| | NPL330 | Plaintiff's Objections To and Partially Unopposed Motion for Reconsideration of United States Magistrate Judge's Claim Construction Memorandum and Order, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 13, 2009, 11 pgs. | |
| | NPL331 | Defendant Citrix Opposition to Realtime's Objections to and Partially Unopposed Motion for Reconsideration of Magistrate Love's Claim Construction Memorandum and Order filed by Citrix Systems, Inc., filed on behalf of some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 8 pgs. | |

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| | NPL332 | Defendant F5 Networks, Inc.'s Opposition to Plaintiff's Objections and Partially Unopposed Motion for Reconsideration of Magistrate Judge Love's Claim Construction and Order, filed on behalf of some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 4 pgs. | | |
| | NPL333 | Defendants' Response in Opposition to Realtime Data's Objections to and Partially Unopposed Motion for Reconsideration of Magistrate Judge Love's Claim Construction Memorandum and Order, filed on behalf of some of the defendants in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 9 pgs. | | |
| | NPL334 | Realtime Data's Response in Opposition to Defendant Citrix Systems Objections to and Request for Reconsideration of Magistrate's Order Regarding Claim Construction, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 13 pgs. | | |
| | NPL335 | Plaintiff Realtime Data's Response in Opposition to Blue Coat Defendants' Objection to Magistrate's Memorandum Opinion and Order Regarding Claim Construction, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 9 pgs. | | |
| | NPL336 | Plaintiff's selected Responses to Defendant Citrix System's Interrogatories and First Set of Requests for Admission filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 15, 2009, 151 pgs. | | |
| | NPL337 | Script for Defendants' Joint Claim Construction Technology Tutorial Presented to the Magistrate Judge in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed on April 18, 2008 and terminated February 2, 95 pgs. | | |
| | NPL338 | Preliminary Data Sheet, 9600 Data Compressor Processor, Hi/fn, 1997-99, HIFN 000001-68, 68 pgs. | | |
| | NPL339 | Data Sheet, 9751 Data Compression Processor, 1997-99, HIFN 000069-187, 119 pgs. | | |
| | NPL340 | Signal Termination Guide, Application Note, Hi/fn, 1997-98, HIFN 000188-194, 7 pgs. | | |
| | NPL341 | How LZS Data Compression Works, Application Note, Hi/fn, 1997-99, HIFN 000195-207, 13 pgs. | | |
| Examiner Signature | /Tefaldet Bocure/ | | Date Considered | 02/19/2014 |

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| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 43 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL342 | Reference Hardware, 9751 Compression Processor, Hi/fn, 1997-99, HIFN 000208-221, 14 pgs. | |
| | NPL343 | Using 9751 in Big Endian Systems, Application Note, Hi/fn, 1997-99, HIFN 000222-234, 13 pgs. | |
| | NPL344 | Specification Update, 9751 Compression Processor, Hi/fn, 1997-2000, HIFN 000235-245, 11 pgs. | |
| | NPL345 | 9732AM Product Release, Hi/fn, 1994-99, HIFN 000246-302, 57 pgs. | |
| | NPL346 | Data Sheet, 9732A Data Compression Processor, Hi/fn, 1997-99, HIFN 000303-353, 51 pgs. | |
| | NPL347 | 9711 to 7711 Migration, Application Note, Hi/fn, 1997-99, HIFN 000354-361, 8 pgs. | |
| | NPL348 | Specification Update, 9711 Data Compression Processor, Hi/fn, 1997-99, HIFN 000362-370, 9 pgs. | |
| | NPL349 | Differences Between the 9710 & 9711 Processors, Application Note, Hi/fn, 1997-99, HIFN 000371-77, 7 pgs. | |
| | NPL350 | Specification Update, 9710 Data Compression Processor, Hi/fn, 1997-99, HIFN 000378-388, 11 pgs. | |
| | NPL351 | 9706/9706A Data Compression Coprocessor Data Sheet, Stac Electronics, 1991-97, HIFN 000389-473, 85 pgs. | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | 14/135,926 |
| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 44 | of | 97 | |

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| | NPL352 | 9705/9705A Data Compression Coprocessor, Stac Electronics, 1988-96, HIFN 000474-562, 88 pgs. | |
| | NPL353 | 9705/9705A Data Compression Coprocessor Data Sheet, Stac Electronics, 1988-96, HIFN 000563-649, 87 pgs. | |
| | NPL354 | 9700/9701 Compression Coprocessors, Hi/fn, 1997, HIFN 000650-702, 53 pgs. | |
| | NPL355 | Data Sheet 9610 Data Compression Processor, Hi/fn, 1997-98, HIFN 000703-744, 42 pgs. | |
| | NPL356 | Specification Update 9610 Data Compression Processor, Hi/fn, 1997-99, HIFN 000745-751, 7 pgs. | |
| | NPL357 | 9705 Data Compression Coprocessor, Stac Electronics, 1988-92, HIFN 000752-831, 80 pgs. | |
| | NPL358 | 9705 Network Software Design Guide, Application Note, Stac Electronics, 1990-91, HIFN 000832-861, 30 pgs. | |
| | NPL359 | Data Sheet 9601 Data Compression Processor, Hi/fn, May 21, 1998, HIFN 000862-920, 59 pgs. | |
| | NPL360 | 7751 Encryption Processor Reference Kit, Hi/fn, April 1999, HIFN 000921-1114, 194 pgs. | |
| | NPL361 | Hardware Data Book, Hi/fn, November 1998, HIFN 001115-1430, 316 pgs. | |

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| | NPL362 | Data Compression Data Book, Hi/fn, January 1999, HIFN 001431-1889, 459 pgs. | |
| | NPL363 | Reference Software 7751 Encryption Processor, Hi/fn, November 1998, HIFN 002164-2201, 38 pgs. | |
| | NPL364 | Interface Specification for Synergize Encoding/Decoding Program, JPB, October 10, 1997, HIFN 002215-2216, 2 pgs. | |
| | NPL365 | Anderson, Chip, Extended Memory Specification Driver, 1998, HIFN 002217-2264, 48 pgs. | |
| | NPL366 | Whiting, Doug, LZS Hardware API, March 12, 1993, HIFN 002265-68, 4 pgs. | |
| | NPL367 | Whiting, Doug, Encryption in Sequoia, April 28, 1997, HIFN 002309-2313, 5 pgs. | |
| | NPL368 | LZS221-C Version 4 Data Compression Software, Data Sheet, Hi/fn, 1994-97, HIFN 002508-2525, 18 pgs. | |
| | NPL369 | eXtended Memory Specification (XMS), ver. 2.0, Microsoft, July 19, 1988, HIFN 002670-2683, 14 pgs. | |
| | NPL370 | King, Stanley, Just for Your Info – From Microsoft 2, May 4, 1992, HIFN 002684-2710, 27 pgs. | |
| | NPL371 | eXtended Memory Specification (XMS), ver. 2.0, Microsoft, July 19, 1988, HIFN 002711-2724, 14 pgs. | |

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| | NPL372 | Advanced LZS Technology (ALZS), Whitepaper, Hi/fn, June 1, 1998, HIFN 002725-2727, 3 pgs. | |
| | NPL373 | Secure Tape Technology (STT) Whitepaper, Hi/fn, June 1, 1998, HIFN 002728-2733, 6 pgs. | |
| | NPL374 | SSLRef 3.0 API Details, Netscape, November 19, 1996, HIFN 002734-2778, 45 pgs. | |
| | NPL375 | LZS221-C Version 4 Data Compression Software Data Sheet, Hi/fn, 1994-97, HIFN 002779-2796, 18 pgs. | |
| | NPL376 | MPPC-C Version 4 Data Compression Software Data Sheet, Hi/fn, 1994-1997, HIFN 002797-2810, 14 pgs. | |
| | NPL377 | Magstar MP Hardware Reference B Series Models Document GA32-0365-01, 1996-1997, [IBM_1_601 pages 1-338], 338 pages. | |
| | NPL378 | Magstar MP 3570 Tape Subsystem, Operator Guide, B-Series Models, 1998-1999, [IBM_1_601 pages 339-525], 188 pages. | |
| | NPL379 | Preview, IBM Magstar 3590 Tape System Enhancements, Hardware Announcement, February 16, 1999, [IBM_1_601 pages 526-527], 2 pgs. | |
| | NPL380 | New IBM Magstar 3590 Models E11 and E1A Enhance Tape Drive Performance, Hardware Announcement, April 20, 1999, [IBM_1_601 pages 528-540] 13 pgs. | |
| | NPL381 | NEW IBM Magstar 3590 Model A60 Dramatically Enhances Tape Drive Performance, Hardware Announcement July 27, 1999, [IBM_1_601 pages 541-550] 10 pgs. | |

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| Sheet | 47 | of | 97 | | |

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| | NPL382 | The IBM Magstar MP Tape Subsystem Provides Fast Access to Data, September 3, 1996, Announcement No. 196-176, [IBM_1_601 pages 551-563] 13 pgs. | |
| | NPL383 | IBM 3590 High Performance Tape Subsystem, April 10, 1995, Announcement 195-106, [IBM_1_601 pages 564-581] 18 pgs. | |
| | NPL384 | Standard ECMA-222 (June 1995): ECMA – Standardizing Information and Communications Systems, Adaptive Lossless Data Compression Algorithm, [IBM_1_601 pages 582-601] 20 pgs. | |
| | NPL385 | IBM 3590 and 3494 Revised Availability, Hardware Announcement August 8, 1995, [IBM_743_1241 page 1] 1 pg. | |
| | NPL386 | Direct Delivery of IBM 3494, 3466, and 3590 Storage Products, Hardware Announcement, September 30, 1997, Announcement 197-297, [IBM_743_1241 pages 2-3] 2 pgs. | |
| | NPL387 | IBM Magstar 3590 Enhances Open Systems, Hardware Announcement February 9, 1996, Announcement 198-014, [IBM_743_1241 pages 4-7] 4 pgs. | |
| | NPL388 | Hardware Withdrawal: IBM Magstar 3590 A00 Controller -- Replacement Available, Announcement Number 197-267, Withdrawal Announcement, December 9, 1997, [IBM_743_1241 page 9] 1 pg. | |
| | NPL389 | IBM Magstar 3590 Tape Subsystem, Introduction and Planning Guide, Document No. GA32-0329007, [IBM_743_1241 pages 10-499] 490 pgs. | |
| | NPL390 | NetMeeting 2.0 Reviewers Guide, April 1997, [MSCS_298_339] 42 pgs. | |
| | NPL391 | Microsoft NetMeeting Compatible Products and Services Directory, April 1997, [MSCS_242_297] 56 pgs. | |

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| | NPL392 | Microsoft NetMeeting "Try This!" Guide, 1997, [MSCS_340_345] 6 pgs. | |
| | NPL393 | The Professional Companion to NetMeeting 2 – The Technical Guide to Installing, Configuring, and Supporting NetMeeting 2.0 in Your Organization -Microsoft NetMeeting 2.0, 1996-97, [MSCS_2_241] 240 pgs. | |
| | NPL394 | CUSEE Me 3.1.2 User Guide, November 1998, [RAD_1_220] 220 pgs. | |
| | NPL395 | MeetingPoint Conference Server Users Guide 3.0, November 1997, [RAD_221_548] 328 pgs. | |
| | NPL396 | MeetingPoint Conference Server Users Guide 4.0.2, December 1999, [RAD_549_818] 270 pgs. | |
| | NPL397 | MeetingPoint Conference Service Users Guide 3.5.1, December 1998, [RAD_819_1062] 244 pgs. | |
| | NPL398 | Enhanced CUSEE Me – Authorized Guide, 1995-1996, [RAD_1063_1372] 310 pgs. | |
| | NPL399 | Meeting Point Reader File, June 1999, [RAD_1437_1445] 9 pgs. | |
| | NPL400 | Press Release - White Pine Announces Launch of MeetingPoint Conferences Server, October 9, 1997, [RAD_1738_1739] 2 pgs. | |
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| | NPL402 | BYTE - A New MeetingPoint for Videoconferencing, October 9, 1997, [RAD_1744 1750] 7 pgs. | |
| | NPL403 | Declaration of Patrick Gogerty, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, executed May 8, 2009, 3 pgs. | |
| | NPL404 | Other Responses to Interrogatories, Requests for Admission, and Objections to Requests for Admission filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL405 | Deposition Transcript of persons involved in litigation, including inventor James Fallon, and third-party witnesses Jim Karp, Ke-Chiang Chu, and Frank V. DeRosa filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL406 | Office of Rebuttal Expert Reports of Dr. Brian Von Herzen, Lester L. Hewitt and Dr. James A. Storer, and Expert Reports of Dr. James A. Storer and Dr. Nathaniel Polish filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL407 | Proposed Amended Infringement Contentions filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL408 | Documents Concerning Agreements for Mediations and Mediation Proceedings Between Plaintiffs and Some of the Defendants filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL409 | Plaintiff's Opposition to Joint Defendants' Motion for Partial Summary Judgment of Invalidity of some of the patents in Suit for indefiniteness, including the '104 patent, Blue Coat's response to this objection, Blue Coat's Reply to Plaintiff's response and Plaintiff's Sur-Reply to Blue Coat's Reply filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |

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| | NPL410 | Plaintiff's Amended P.R. 3-1 Disclosures and Infringement Contentions, Defendants' Motions to Strick unauthorized portions of these disclosures, and Sur-Replies to these Motions filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL411 | Expert Report of Dr. James A. Storer Regarding Non-Infringement that contains positions related to the validity of the patents in suit filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, filed April 18, 2008 and terminated February 2, 2010. (PTO Notified -- Document NOT submitted) | |
| | NPL412 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) 2009.09.23 Order Dismissing Case in Favor of Texas Action, 1 pg. | |
| | NPL413 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) 2009.09.30 Response to Order re Transfer, 103 pgs. | |
| | NPL414 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) 2009.10.07 Reply Letter regarding Judge Berman 2009.09.23 Order re Transfer, 182 pgs. | |
| | NPL415 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) 2009.10.15 Order Staying Case Until TX Action Decided, 3 pgs. | |
| | NPL416 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) 2009.09.11 Complaint - DJ SD NY, 41 pgs. | |
| | NPL417 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) 2009.09.11 Rule 7.1 Disclosure Statement for Thomson Reuters, 1 pg. | |
| | NPL418 | Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, No. 09 CV 7868 (S.D.N.Y.) Order- Stay Pending Transfer Motion Confirmed 10_15_09, 3 pgs. | |
| | NPL419 | Opinion and Order of United States Magistrate Judge regarding Claim Construction, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, issued June 22, 2009, 75 pgs. | |

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| | NPL420 | Script for Realties' Technology Tutorial Presented to the Magistrate Judge in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, March 16, 2009, 69 pgs. | |
| | NPL421 | Opinion and Order of United States Magistrate Judge regarding Plaintiff's Motion to Strike Unauthorized New Invalidity Theories from Defendant Citrix's Opening and Reply Briefs in Support of its Motion for Summary Judgment of Invalidity, Realtime Data, LLD/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, issued Dec. 8, 2009, 10 pgs | |
| | NPL422 | Defendant Citrix Systems, Inc.'s Notice Pursuant to 35 U.S.C. Section 282 Disclosures, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 11, 2009, 7 pgs. | |
| | NPL423 | Blue Coat Defendants' Notice Pursuant to 35 U.S.C. Section 282 Disclosures, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 11, 2009, 7 pgs. | |
| | NPL424 | Expand Networks' 35 U.S.C. Section 282 Disclosures, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 11, 2009, 4 pgs. | |
| | NPL425 | Expand Networks' 35 U.S.C. Section 282 Disclosures (Amended), Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 11, 2009, 5 pgs. | |
| | NPL426 | Defendant Citrix Systems, Inc.'s Notice of Obviousness Combinations Pursuant to Court Order, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 11, 2009, 3 pgs. | |
| | NPL427 | Order of United States Magistrate Judge regarding Motion to Limit the Number of Prior Art References to be Asserted at Trial, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 21, 2009, 6 pgs. | |
| | NPL428 | Expand Defendants' Notice of Obviousness Combinations Pursuant to Court Order, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 22, 2009, 3 pgs. | |
| | NPL429 | Blue Coat Systems, Inc. and 7-Eleven, Inc.'s Notice of Obviousness Combinations to be Used at Trial, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 22, 2009, 38 pgs. | |

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| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 52 | of | 97 | | |

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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL430 | Defendant Citrix Systems, Inc's Notice of Other Prior Art References Within the Scope of the References Discussed at the Dec. 17, 2009 Hearing, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed December 29, 2009, 6 pgs. | |
| | NPL431 | Docket Listing downloaded March 10, 2010 for Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, filed April 18, 2008, 165 pgs. | |
| | NPL432 | CCITT Draft Recommendation T.4, RFC 804, January 1981, 12 pgs. | |
| | NPL433 | SNA Formats, IBM Corporation, 14th Ed., November 1993, 3 pgs. | |
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| | NPL435 | Forchhammer and Jensen, "Data Compression of Scanned Halftone Images," IEEE Trans. Commun., vol. 42, Feb.-Apr. 1994, pgs 1881-1893. | |
| | NPL436 | Christopher Eoyang et al., "The Birth of the Second Generation: The Hitachi S-820/80," Proceedings of the 1998 ACM/IEEE Conference on Supercomputing, pgs 296-303 (1998) | |
| | NPL437 | Transcript for Hearing on Motions for Summary Judgment, Realtime Data, LLC d/b/a IXO v. Packeteer, Inc. et al, Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, 133 pgs, November 8, 2009. | |
| | NPL438 | Transcript for Motions Hearing (Including Supplemental Claim Construction Hearing), Realtime Data, LLC d/b/a IXO v. Packeteer, Inc. et al, Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, 88 pgs, November 10, 2009 | |
| | NPL439 | Nelson, "The Data Compression Book," M&T Books (2nd Ed. 1996), 283 pgs. | |

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| | | Examiner Name | BOCURE, Tesfaldet |
| | | Attorney Docket Number | 2855.0050008 |
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| | NPL440 | "The Authoritative Dictionary of IEEE Standards Terms," 7th Ed. 2000, pg. 273. | |
| | NPL441 | Larousse Dictionary of Science and Technology, 1st Ed., 1995, pg. 916. | |
| | NPL442 | Plaintiff Realtime Data's Motion to Strike Unauthorized New Invalidity Theories from Defendant Citrix's Opening and Reply Briefs in Support Its Motion for Summary Judgment of Invalidity of U.S. Patent No. 7,352,300 (September 22, 2009), 14 pgs. | |
| | NPL443 | Realtime Data's Reply in Support of Its Motion to Strike Unauthorized New Invalidity Theories from Defendant Citrix's Opening and Reply Briefs in Support of Its Motion for Summary Judgment of Invalidity of U.S. Patent No. 7,352,300 (October 19, 2009), 17 pgs. | |
| | NPL444 | Defendant Citrix Systems, Inc.'s Sur-Reply in Opposition to Realtime Data LLC's Motion to Strike Unauthorized New Invalidity Theories from Citrix's Opening and Reply Briefs in Support of Its Motion for Summary Judgment of Invalidity of U.S. Patent No. 7,352,300 (October 30, 2009), 9 pgs. | |
| | NPL445 | Blue Coat Defendants' Response to Realtime Data, LLC's Notice Re Proposed Construction of "Data Storage Rate" (November 11, 2009), 3 pgs. | |
| | NPL446 | Order for Supplemental Briefing on Blue Coat 7-11 Motion for Partial SJ on Non-infringement of Pat 6,601,104 (November 13, 2009), 6 pgs. | |
| | NPL447 | Memorandum Opinion and Order (November 23, 2009), 15 pgs. | |
| | NPL448 | Memorandum Opinion and Order (December 8, 2009), 10 pgs. | |
| | NPL449 | Expand's Conclusions of Fact and Law Regarding Defense of Inequitable Conduct Concerning the Unenforceability of U.S. Patent No. 7,321,937 (November 12, 2009), 3 pgs. | |

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| | NPL450 | Realtime Data's Sur-reply Supplemental Claim Construction Brief Concerning Whether the Asserted Claims of the '104 Patent are Product Claims (December 23, 2009), 6 pgs. | |
| | NPL451 | Order regarding Defendant Citrix Systems, Inc's Notice of Other Prior Art References Within the Scope of the References Discussed at the December 17, 2009 Hearing (December 30, 2009), 3 pgs. | |
| | NPL452 | Network Working group RFC 2068 (Jan. 1997), 163 pgs. | |
| | NPL453 | Network Working group RFC 2616 (Jun. 1999), 114 pgs. | |
| | NPL454 | Network Working group RFC 1945 (May 1996), 61 pgs. | |
| | NPL455 | Network Working group RFC 1950 (May 1996), 10 pgs. | |
| | NPL456 | Network Working group RFC 1951 (May 1996), 15 pgs. | |
| | NPL457 | Network Working group RFC 1952 (May 1996), 12 pgs. | |
| | NPL458 | Notice of Plaintiff Realtime Data LLC's Proposed Supplemental Construction of "Data Storage Rate" In Response to the Court's Comments During the November 10, 2009 Supplemental Claim Construction Hearing (November 10, 2009), 4 pgs. | |
| | NPL459 | Citrix's Amended Invalidity Contentions, Including Appendices G2-G8 (December 15, 2009), 509 pgs. | |

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| | NPL460 | "Plaintiff Realtime Data's Opposition to Defendant F5 Networks' Motion for Summary Judgment that Claims 18-20 of U.S. Patent No. 7,321,937 are Invalid (August 25, 2009)" Civil Action No. 6:08-cv-00144-LED Jury Trial Demanded Filed Under Seal; In the United States District Court for the Eastern District of Texas Tyler Division. [Under Seal - Document NOT Submitted] | |
| | NPL461 | Declaration of Dr. James W. Modestino relating to U.S. Patent No. 7,161,506, March 15, 2010, 49 pgs. | |
| | NPL462 | Second Declaration of Dr. George T. Ligler under 37 C.F.R. §1.132 relating to U.S. Patent No. 6,601,104, executed May 5, 2010, 3 pgs. | |
| | NPL463 | Realtime Data, LLC Complaint for Patent Infringement, Realtime Data, LLC D/B/A IXO v. CME Group Inc., et al. (II), District Court for the Eastern District of Texas, No. 6:10-cv-246, filed May 11, 2010, 24 pages. | |
| | NPL464 | Realtime Data, LLC Complaint for Patent Infringement, Realtime Data, LLC D/B/A IXO v. Thomson Reuters Corporation, et al. (II), District Court for the Eastern District of Texas, No. 6:10-cv-247, filed May 11, 2010, 15 pages. | |
| | NPL465 | Realtime Data, LLC Complaint for Patent Infringement, Realtime Data, LLC D/B/A IXO v. Morgan Stanley, et al. (II), District Court for the Eastern District of Texas, No. 6:10-cv-248, filed May 11, 2010, 27 pages. | |
| | NPL466 | Declaration of Padmaja Chinta In Support of Realtime Data's Reply Claim Construction Brief (including Exhibits A-S), Realtime Data, LLC D/B/A IXO v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08-cv-00144-LED, dated March 30, 2009, 217 pgs. | |
| | NPL467 | Extended European search report issuing from European Patent Application 09150508.1, August 3, 2010, 5 pgs. | |
| | NPL468 | Complaint, Thomson Reuters Corporation v. Realtime Data, LLC D/B/A IXO, Southern District of New York, No. 2:09-cv-7868-RMB, filed September 11, 2009, 6 pages. | |
| | NPL469 | Realtime Data, LLC Complaint for Patent Infringement, Realtime Data, LLC D/B/A IXO v. MetroPCS Texas, LLC et al., District Court for the Eastern District of Texas, No. 6:10-cv-00493, filed September 23, 2010, 14 pages. | |

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| | | | | Art Unit | 2634 |
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| | | | | Attorney Docket Number | 2855.0050008 |
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| | NPL470 | Complaint and Demand for Jury Trial, Chicago Board Options Exchange, Incorporated v. Realtime Data, LLC D/B/A IXO, United States District Court for the Northern District of Illinois, No. 09 CV 4486, filed July 24, 2009, 6 pages. | |
| | NPL471 | Realtime's Response in Opposition to the Defendants' Joint Objections to Report and Recommendation of Magistrate Regarding Motion for Partial Summary Judgment of Invalidity for Indefiniteness, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 27, 2009, 15 pgs. | |
| | NPL472 | Reply to Realtime's Response to Blue Coat Defendants' Objections to Report and Recommendation of United States Magistrate Judge Regarding Motion for Partial Summary Judgment of Invalidity for Indefiniteness Entered June 23, 2009, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, July 31, 2009, 3 pgs. | |
| | NPL473 | Realtime Data's Sur-Reply in Opposition to the Defendants' Joint Objections to Report and Recommendation of Magistrate Regarding Motion for Partial Summary Judgment of Invalidity for Indefiniteness, in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc. et al., Civil Action No. 6:08-cv-00144-LED; U.S. District Court for the Eastern District of Texas, August 3, 2009, 3 pgs. | |
| | NPL474 | Defendants' Invalidity Contentions, Realtime Data, LLC d/b/a IXO, vs. MetroPCS Texas, LLC, et al., Case No. 6:10-CV-00493-LED, In the United States District Court Eastern District of Texas Tyler Division, June 17, 2011, 138 pages. | |
| | NPL475 | Appendix A, Claim Charts A-1 to A-25, from Invalidity Contentions, Realtime Data LLC v. MetroPCS Texas, LLC, et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 173 pages. | |
| | NPL476 | Appendix B, Claim Charts B-1 to B-23, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 809 pages. | |
| | NPL477 | Appendix C, Claim Charts C-1 to C-22, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 530 pages. | |
| | NPL478 | Appendix D, Claim Charts D-1 to D-16, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 253 pages. | |
| | NPL479 | Appendix E, Claim Charts E-1 to E-20, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 397 pages. | |

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| | NPL480 | Appendix F, Claim Charts F-1 to F-19, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 462 pages. | |
| | NPL481 | Appendix G, Claim Charts G-1 to G-18, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 548 pages. | |
| | NPL482 | Appendix H, Claim Charts H-1 to H-22, from Realtime Data LLC v. MetroPCS Texas, LLC et al., Case No. 6:10-CV-00493-LED, June 17, 2011, 151 pages. | |
| | NPL483 | AMIR et al., "An Application Level Video Gateway," 1995, 11 pages. | |
| | NPL484 | KATZ, Randy H. and Eric A. Brewer, "The Bay Area Research Wireless Access Network: Towards a Wireless Overlay Internetworking Architecture," Computer Science Division, EECS Department, U.C. Berkeley, 1995, 56 pages. | |
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| | NPL487 | CROWLEY et al., "Dynamic Compression During System Save Operations," May 1, 1984, 3 pages. | |
| | NPL488 | HERSHKOVITS, "Universal Data Compression with Finite-Memory," February 1995, 99 pages. | |
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| | NPL490 | KLEIN, "Compression and Coding in Information Retrieval Systems," June 1987, pages vii-viii, 1-4, 10-15, 22-30, 43-48, 62-66, 86-89, 108-111. | |
| | NPL491 | REGHBATI, "An Overview of Data Compression Techniques," April 1981, pages 71-75. | |
| | NPL492 | Defendants' Joint Preliminary Invalidity Contentions filed in Realtime Data, LLC D/B/A IXO v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, United States District Court for the Eastern District of Texas Tyler Division, December 8, 2008, 19 pages. | |
| | NPL493 | Appendix A, Claim Charts A-1 to A-46, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 345 pages. | |
| | NPL494 | Appendix B, Claim Charts B-1 to B-17, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 1893 pages. | |
| | NPL495 | Appendix C, Claim Charts C-1 to C-34, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 1,055 pages. | |
| | NPL496 | Appendix D, Claim Charts D-1 to D-14, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 197 pages. | |
| | NPL497 | Appendix E, Claim Charts E-1 to E-11, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 735 pages. | |
| | NPL498 | Appendix F, Claim Charts F-1 to F-11, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 775 pages. | |
| | NPL499 | Appendix G Claim Charts G-1 to G-8 from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 567 pages. | |

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| | NPL500 | Appendix H, Claim Charts H-1 to H-18, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 97 pages. | |
| | NPL501 | Appendix I, Claim Charts I-1 to I-18, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 146 pages. | |
| | NPL502 | Appendix J, Prior Art Chart, from Realtime Data, LLC v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-144-LED, December 8, 2008, 25 pages. | |
| | NPL503 | Realtime Data, LLC's [Corrected] P.R. 3-1 Disclosures and Preliminary Infringement Contentions filed in Realtime Data, LLC D/B/A/IXO v. Packeteer, Inc., et al., Civil Action No. 6:08-cv-00144-LED, United States District Court for the Eastern District of Texas Tyler Division, October 8, 2008, 591 pages. | |
| | NPL504 | Amended Answer and Counterclaims of Defendants Blue Coat Systems, Inc., Packeteer, Inc., 7-Eleven, Inc., ABM Industries, Inc., ABM Janitorial Services-South Central, Inc., and Build-A-Bear Workshop, Inc. to Plaintiff's First Amended Complaint for Patent Infringement filed in Realtime Data, LLC d/b/a/IXO v. Packeteer, Inc., et al., Civil Action No. 6:08cv144-LED, United States District Court for the Eastern District of Texas Tyler Division, October 28, 2008, 81 pages. | |
| | NPL505 | "Packeteer iShaper, PacketShaper and iShared Appliances Drive Intelligent Application Acceleration Across Coogee Resources Wide Area Network", Business Wire, accessed on August 25, 2008, 2 pages. | |
| | NPL506 | WHITING, Doug, "Deflate vs. LZS", November, 2000, 2 pages. | |
| | NPL507 | "The Packeteer Q4 2005 Financial Conference Call", January 26, 2006, 9 pages. | |
| | NPL508 | "Data Compression Ratio", Wikipedia, the free encyclopedia, accessed on August 10, 2011 from http://en.wikipedia.org/wiki/Data_compression_ratio , 2 pages. | |
| | NPL509 | "Hard Disk Data Control Method", IBM Technical Disclosure Bulletin NN9302301, Vol. 36, No. 2, February 1993, pages 301-302. | |

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| | NPL510 | Defendants' Supplemental Invalidity Contentions, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed May 17, 2012, 54 pages. | |
| | NPL511 | Expert Report of Michael Brogioli Regarding Asserted Claims of U.S. Patent Nos. 7,417,568 and 7,777,651, with Exhibit A: List of Materials Reviewed, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 26 pages. | |
| | NPL512 | Exhibit 1, Curriculum Vitae of Michael C. Brogioli, from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 9 pages. | |
| | NPL513 | Exhibit 2, [Proposed] Order Adopting the Parties' Agreed Claim Constructions, from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 6 pages. | |
| | NPL514 | Exhibit 3, The Parties' Disputed Claim Constructions, revised May 3, 2012, from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 6 pages. | |
| | NPL515 | Exhibit 4, E-Mail Correspondence between James Shalek and Brett Cooper, dated May 17 and 18, 2012, from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 3 pages. | |
| | NPL516 | Exhibit 5, Source Code Chart for U.S. Pat. No. 7,417,568 comparing representative elements of the NQDSLIB source code (April 29, 2002 or earlier), from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 3 pages. | |

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| | NPL517 | Exhibit 6, Source Code Chart for U.S. Pat. No. 7,417,568 comparing representative elements of the NQDSLIB source code (May 02, 2002 or earlier), from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 3 pages. | |
| | NPL518 | Exhibit 7, Source Code Chart for U.S. Pat. No. 7,777,651 comparing representative elements of the NQDSLIB source code (April 29, 2002 or earlier), from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 21 pages. | |
| | NPL519 | Exhibit 8, Source Code Chart for U.S. Pat. No. 7,777,651 comparing representative elements of the NQDSLIB source code (May 02, 2002 or earlier), from Expert Report, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 21 pages. | |
| | NPL520 | Invalidity Expert Report of Dr. James A. Storer (Redacted), filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 227 pages. | |
| | NPL521 | Defendants' Claim Construction Tutorial, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 15, 2012, 54 pages. | |
| | NPL522 | Opinion and Order (Markman), filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 22, 2012, 41 pages. | |
| | NPL523 | Opinion and Order (Partial Motion for Summary Judgment re Written Description: "Data Packets"), filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 26, 2012, 8 pages. | |

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| | | | Examiner Name | BOCURE, Tesfaldet |
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| | NPL524 | Opinion and Order (Partial Motion for Summary Judgment re Data Decompression) filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 27, 2012, 21 pages. | |
| | NPL525 | Technology Tutorial (.exe file), presentation filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed June 2012 (submitted on accompanying CD-ROM). | |
| | NPL526 | Lilley, J., et al., "A Unified Header Compression Framework for Low-Bandwidth Links," MobiCom 2000, August 6-11, 2000. Boston, MA, 12 pages. | |
| | NPL527 | "WAN Link Compression on HP Routers," Hewlett Packard Application Note, May 1995, 7 pages. | |
| | NPL528 | "User Manual for XMill," 2001, 21 pages. | |
| | NPL529 | "High Speed Network, Developer's Guide," Standard & Poor's Comstock, Version 1.1, 1994, pages 1-42, and 53-124. | |
| | NPL530 | Larmouth, J., "ASN.1 Complete", Academic Press, 2000, pages xxi-xxvii, 1-45, 115-130, 168-172, 174, 270-276, and 443-472. | |
| | NPL531 | Petty, J., "PPP Hewlett-Packard Packet-by-Packet Compression (HP PPC) Protocol," draft-ietf-ppext-hpppc-00.txt., October 1993, 7 pages. | |
| | NPL532 | Friend, R., et al., "IP Payload Compression Using LZS," Network Working Group, Request for Comments: 2395, Category: Informational, December 1998; 9 pages. | |
| | NPL533 | "Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation," Series X: Data Networks and Open System Communications, OSI networking and system aspects - Abstract Syntax Notation One (ASN.1), International Telecommunication Union, ITU-T Recommendation X.680, December 1997, 109 pages. | |

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| | NPL534 | "Information technology - ASN.1 encoding rules - Specification of Packed Encoding Rules (PER), Series X: Data Networks and Open System Communications, OSI networking and system aspects - Abstract Syntax Notation One (ASN.1), International Telecommunication Union, ITU-T Recommendation X.691, December 1997, 51 pages. | |
| | NPL535 | Opinion and Order, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed September 24, 2012, 48 pages. | |
| | NPL536 | Memorandum Opinion and Order, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed October 1, 2012, 22 pages. | |
| | NPL537 | T-Mobile's Motion for Leave to Supplement Trial Witness List & Invalidation Contentions, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 16 pages. | |
| | NPL538 | Exhibit 2, Defendant T-Mobile's Supplemental Invalidation Contentions, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 13 pages. | |
| | NPL539 | Exhibit 3, FNLTD-74478, Flash Networks: Commercial Part Written by Flash Networks for Cegetel, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 6 pages. | |
| | NPL540 | Exhibit 4, FNLTD-74444, Response to Cegetel RFP: Technical Section, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 5 pages. | |
| | NPL541 | Exhibit 5, FNLTD-74926, Flash Networks Optimization Products Selected by AT&T Wireless, Flash Networks, Inc. Press Release, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 3 pages. | |
| | NPL542 | Exhibit 6, Flash Networks: Harmony, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 6 pages. | |
| | NPL543 | Exhibit 7, Declaration of Adi Weiser, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 4 pages. | |
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| | NPL544 | Exhibit 8, Declaration of Yoav Weiss, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 4 pages. | |
| | NPL545 | Exhibit 9, Declaration of Richard Luthi, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 4 pages. | |
| | NPL546 | Exhibit 13, Declaration of Gali Weiss, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 4 pages. | |
| | NPL547 | Exhibit 17, P.R. 3-1 Claim Chart for T-Mobile, U.S. Patent No. 7,161,506, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed December 17, 2012, 33 pages. | |
| | NPL548 | "Flash Networks Introduces NettGain 1100, New Products for Carriers & Enterprises that Enables Immediate Deployment of Wireless Data Solutions," Press Release, dated March 20, 2001, 2 pages. | |
| | NPL549 | Amended Expert Report of Dr. Cliff Reader, filed in Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC, et al., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed July 30, 2012, 205 pages. | |
| | NPL550 | Final Judgment, filed in Realtime Data, LLC, d/b/a IXO, v. T-Mobile USA, Inc., Civil Action No. 6:10-cv-00493, United States District Court for the Eastern District of Texas, filed March 28, 2013, 1 page. | |
| | NPL551 | Final Judgment Pursuant to Fed. R. Civ. P. 45(b), filed in Realtime Data LLC, d/b/a IXO, v. CME Group Inc., et al., Civil Action No. 1:11-cv-06697, United States District Court Southern District of New York, dated November 9, 2012, 10 pages. | |
| | NPL552 | Final Judgment Pursuant to Fed. R. Civ. P. 45(b), filed in Realtime Data LLC, d/b/a IXO, v. Morgan Stanley, et al., Civil Action No. 1:11-cv-06696, United States District Court Southern District of New York, dated November 9, 2012, 10 pages. | |
| | NPL553 | Final Judgment Pursuant to Fed. R. Civ. P. 45(b), filed in Realtime Data LLC, d/b/a IXO, v. Thomson Reuters Corporation, et al., Civil Action No. 1:11-cv-06698, United States District Court Southern District of New York, dated November 9, 2012, 6 pages. | |

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| | NPL554 | Opinion and Order (Motion 10), filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed August 2, 2012, 13 pages. | |
| | NPL555 | Supplemental Order, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed November 9, 2012, 5 pages. | |
| | NPL556 | Memorandum & Order, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed August 2, 2012, 13 pages. | |
| | NPL557 | Amended Opinion & Order, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Civil Action No. 1:11-cv-6696, Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al., Civil Action No. 1:11-cv-6697, and Realtime Data, LLC d/b/a IXO v. Thomson Reuters, et al., Civil Action No. 1:11-cv-6698, United States District Court Southern District of New York, filed August 15, 2012, 48 pages. | |
| | NPL558 | Non-Confidential Brief for Plaintiff-Appellant Realtime Data, LLC d/b/a IXO, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley et al., Case Nos. 2013-1092, -1093, -1095, -1097, -1098, -1099, -1100, -1101, and -1103, United States Court of Appeals for the Federal Circuit, filed March 6, 2013, 80 pages. | |
| | NPL559 | Non-Confidential Brief for Defendants - Appellees CME Group, Inc., Board of Trade of the City of Chicago, Inc., The New York Mercantile Exchange, Inc., BATS Trading, Inc., and NASDAQ OMX Group, Inc. and NASDAQ OMX PHLX, Inc., filed in Realtime Data, LLC d/b/a IXO v. CME Group, Inc., et al., Case Nos. 13-1093, -1097, and -1100, United States Court of Appeals for the Federal Circuit, filed May 20, 2013, 74 pages. | |
| | NPL560 | Non-Confidential Reply Brief for Plaintiff-Appellant Realtime Data, LLC d/b/a IXO, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Case Nos. 13-1092, -1093, -1095, -1097, -1098, -1099, -1100, -1101, and -1103, United States Court of Appeals for the Federal Circuit, filed June 19, 2013, 53 pages. | |
| | NPL561 | ChangeLog file for zlib, zlib.net/ChangeLog.txt file, accessed on May 23, 2013, with date references April 11, 1995 - April 28, 2013, 26 pages. | |
| | NPL562 | 2.0.39 Kernel Release History, accessed at lwn.net/2001/1018/a/hist-2.0.39.php3, dated October 14, 2001, 8 pages. | |

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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 02/19/2014 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 14/135,926 |
| | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 66 | of | 97 | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL563 | "Linux Kernel," Wikipedia - the Free Encyclopedia, accessed at en.wikipedia.org/wiki/Linux_kernel, accessed on May 9, 2013, 20 pages. | |
| | NPL564 | RUBINI, A., "Booting the Kernel," accessed at www.linux.it/~rubini/docs/boot/, June 1997, 6 pages. | |
| | NPL565 | ZADOK, E., et al., "Fast Indexing: Support for Size-Changing Algorithms in Stackable File Systems," Proceedings of the 2001 Annual USENIX Technical Conference, June 2001, 16 pages. | |
| | NPL566 | Court Docket History for 6:10-cv-00493-LED Realtime Data, LLC d/b/a IXO, v. MetroPCS Texas, LLC et al., downloaded August 9, 2013, 78 pages. | |
| | NPL567 | Court Docket History for 1:09-cv-04486 Chicago Board Options Exchange, Incorporated v. Realtime Data, LLC, downloaded August 9, 2013, 7 pages. | |
| | NPL568 | Court Docket History for 6:08-cv-00144-LED-JDL Realtime Data, LLC d/b/a IXO v. Packeteer, Inc. et al., downloaded August 9, 2013, 119 pages. | |
| | NPL569 | Court Docket History for 6:09-cv-00326-LED-JDL Realtime Data, LLC d/b/a IXO, v. Morgan Stanley et al., downloaded August 9, 2013, 45 pages. | |
| | NPL570 | Court Docket History for 6:09-cv-00327-LED-JDL Realtime Data, LLC d/b/a IXO, v. CME Group Inc. et al., downloaded August 9, 2013, 56 pages. | |
| | NPL571 | Court Docket History for 6:09-cv-00333-LED-JDL Realtime Data, LLC d/b/a IXO v. Thomson Reuters et al., downloaded August 9, 2013, 30 pages. | |
| | NPL572 | Court Docket History for 1:09-cv-07868-RMB Thomson Reuters Corporation v. Realtime Data, LLC, downloaded August 9, 2013, 3 pages. | |
| | NPL573 | Notice of Allowance in Commonly-Assigned U.S. Application. No. 11/651,366, issued April 10, 2009, 7 pgs. | |

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| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 67 | of | 97 | | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL574 | Copy of Non-Final Office Action for U.S. Appl. No. 12/684,624, mailed November 10, 2010, 5 pgs. | |
| | NPL575 | Copy of Notice of Allowance for U.S. Appl. No. 12/123,081, mailed February 17, 2011, 7 pgs. | |
| | NPL576 | Copy of Non-Final Office Action for U.S. Appl. No. 12/688,413, mailed September 27, 2010, 13 pgs. | |
| | NPL577 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,211, mailed January 31, 2011, 4 pgs. | |
| | NPL578 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,211, mailed September 22, 2010, 4 pgs. | |
| | NPL579 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,204, mailed January 11, 2011, 4 pgs. | |
| | NPL580 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,419, mailed September 22, 2010, 4 pgs. | |
| | NPL581 | Copy of Non-Final Office Action for U.S. Appl. No. 11/400,008, mailed November 23, 2010, 7 pgs. | |
| | NPL582 | Copy of Notice of Allowance for U.S. Appl. No. 11/651,365, mailed February 4, 2010, 8 pgs. | |
| | NPL583 | Copy of Notice of Allowance for U.S. Appl. No. 11/651,365, mailed November 19, 2009, 8 pgs. | |

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| | NPL584 | Copy of Non-Final Office Action for U.S. Appl. No. 09/969,987, mailed August 27, 2010, 13 pgs. | |
| | NPL585 | Copy of Final Office Action for U.S. Appl. No. 09/969,987, mailed January 28, 2010, 11 pgs. | |
| | NPL586 | Copy of Notice of Allowance for U.S. Appl. No. 12/131,631, mailed June 22, 2010, 5 pgs. | |
| | NPL587 | Copy of Final Office Action for U.S. Appl. No. 11/400,008, mailed October 30, 2009, 7 pgs. | |
| | NPL588 | Copy of Final Office Action for U.S. Appl. No. 11/400,008, mailed May 11, 2010, 7 pgs. | |
| | NPL589 | Copy of Notice of Allowance for U.S. Appl. No 11/551,204, mailed September 30, 2010; 4 pages | |
| | NPL590 | Copy of Non-Final Office Action for U.S. Appl. No.11/551,204, mailed June 16, 2009, 5 pgs. | |
| | NPL591 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,204, mailed June 21, 2010, 4 pgs. | |
| | NPL592 | Copy of Non-Final Office Action for U.S. Appl. No.11/551,204, mailed September 22, 2008, 9 pgs. | |
| | NPL593 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,204, mailed January 27, 2010, 4 pgs. | |

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| | NPL594 | Copy of Non-Final Office Action for U.S. Appl. No.12/690,125, mailed September 21, 2010, 12 pgs. | |
| | NPL595 | Copy of Notice of Allowance for U.S. Appl. No 11/553,427, mailed March 24, 2011, 5 pages | |
| | NPL596 | Copy of Notice of Allowance for U.S. Appl. No 12/703,042, mailed May 5, 2011, 8 pages. | |
| | NPL597 | Copy of Notice of Allowance for U.S. Appl. No 11/551,211, mailed May 6, 2011, 5 pages | |
| | NPL598 | Copy of Notice of Allowance for U.S. Appl. No 11/553,419, mailed May 20, 2011, 5 pages | |
| | NPL599 | Copy of Final Office Action for U.S. Appl. No. 09/969,987, mailed May 24, 2011, 17 pgs. | |
| | NPL600 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,427, mailed May 31, 2011, 5 pages. | |
| | NPL601 | Copy of Final Office Action for U.S. Appl. No. 12/690,125, mailed June 7, 2011, 11 pages. | |
| | NPL602 | Copy of Final Office Action for U.S. Appl. No. 12/688,413, mailed June 7, 2011, 15 pages. | |
| | NPL603 | Copy of Final Office Action for U.S. Appl. No. 11/400,008, mailed June 27, 2011, 6 pages. | |

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| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 70 | of | 97 | | |

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| | NPL604 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,204, mailed July 11, 2011, 5 pages. | |
| | NPL605 | Copy of Notice of Allowance for U.S. Appl. No. 12/684,624, mailed July 25, 2011, 5 pages. | |
| | NPL606 | Copy of Non-Final Office Action for U.S. Appl. No. 12/703,042, mailed July 28, 2011, 5 pages. | |
| | NPL607 | Copy of Non-Final Office Action for U.S. Appl. No. 12/857,238, mailed August 10, 2011, 6 pages. | |
| | NPL608 | Copy of Non-Final Office Action for U.S. Appl. No. 13/101,994, mailed August 16, 2011, 10 pages. | |
| | NPL609 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,211, mailed August 24, 2011, 5 pages. | |
| | NPL610 | Copy of Notice of Allowance for U.S. Appl. No. 12/684,624, mailed September 1, 2011, 9 pages. | |
| | NPL611 | Copy of Notice of Allowance for U.S. Appl. No. 12/123,081, mailed September 26, 2011, 9 pages. | |
| | NPL612 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,204, mailed September 28, 2011, 5 pages. | |
| | NPL613 | Copy of Notice of Allowance for U.S. Appl. No. 11/551,211, mailed October 18, 2011, 5 pages. | |

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| | | First Named Inventor | FALLON et al. |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
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| | | Sheet | 71 |

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| | NPL614 | Copy of Non-Final Office Action for U.S. Appl. No. 13/154,239, mailed November 2, 2011, 6 pages. | |
| | NPL615 | Copy of Notice of Allowance for U.S. Appl. No. 12/703,042, mailed November 15, 2011, 8 pages. | |
| | NPL616 | Copy of Non-Final Office Action for U.S. Appl. No. 12/688,413, mailed November 28, 2011, 14 pages. | |
| | NPL617 | Copy of Notice of Allowance for U.S. Appl. No. 12/857,238, mailed December 30, 2011, 5 pages. | |
| | NPL618 | Copy of Notice of Allowance for U.S. Appl. No. 11/400,008, mailed February 6, 2012, 8 pages. | |
| | NPL619 | Copy of Non-Final Office Action for U.S. Appl. No. 12/690,125, mailed March 8, 2012, 7 pages. | |
| | NPL620 | Copy of Notice of Allowance for U.S. Patent Appl. No. 12/703,042, mailed March 30, 2012, 8 pages. | |
| | NPL621 | Copy of Non-Final Office Action for U.S. Appl. No. 09/969,987, mailed April 11, 2012, 6 pages. | |
| | NPL622 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,419, mailed April 23, 2012, 6 pages. | |
| | NPL623 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,427, mailed May 7, 2012, 7 pages. | |

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| | NPL624 | Copy of Non-Final Office Action for U.S. Appl. No. 13/118,122, mailed May 16, 2012, 9 pages. | |
| | NPL625 | Copy of Non-Final Office Action for U.S. Appl. No. 13/101,994, mailed May 23, 2012, 12 pages. | |
| | NPL626 | Copy of Notice of Allowance for U.S. Appl. No. 12/857,238, mailed May 29, 2012, 5 pages. | |
| | NPL627 | Copy of Notice of Allowance for U.S. Appl. No. 11/400,008, mailed June 21, 2012, 8 pages. | |
| | NPL628 | Copy of Final Office Action for U.S. Appl. No. 13/154,239, mailed June 26, 2012, 14 pages. | |
| | NPL629 | Copy of Notice of Allowance for U.S. Appl. No. 12/857,238, mailed July 12, 2012, 5 pages. | |
| | NPL630 | Copy of Notice of Allowance for U.S. Appl. No. 12/703,042, mailed July 16, 2012, 8 pages. | |
| | NPL631 | Copy of Non-Final Office Action for U.S. Appl. No. 13/482,800, mailed July 20, 2012, 14 pages. | |
| | NPL632 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,427, mailed November 6, 2012, 5 pages. | |
| | NPL633 | Copy of Notice of Allowance for U.S. Appl. No. 12/703,042, mailed November 15, 2012, 9 pages. | |

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| | NPL634 | Copy of Non-Final Office Action for U.S. Appl. No. 12/857,238, mailed November 29, 2012, 17 pages. | |
| | NPL635 | Copy of Final Office Action for U.S. Appl. No. 09/969,987, mailed December 4, 2012, 7 pages. | |
| | NPL636 | Copy of Final Office Action for U.S. Appl. No. 13/101,994, mailed December 13, 2012, 5 pages. | |
| | NPL637 | Copy of Supplemental Notice of Allowability for U.S. Appl. No. 12/703,042, mailed December 18, 2012, 6 pages. | |
| | NPL638 | Copy of Notice of Allowance for U.S. Appl. No. 12/690,125, mailed December 28, 2012, 5 pages. | |
| | NPL639 | Copy of Final Office Action for U.S. Appl. No. 13/118,122, mailed January 9, 2013, 11 pages. | |
| | NPL640 | Copy of Non-Final Office Action for U.S. Appl. No. 11/553,419, mailed January 15, 2013, 4 pages. | |
| | NPL641 | Copy of Non-Final Office Action for U.S. Appl. No. 13/482,800, mailed February 19, 2013, 15 pages. | |
| | NPL642 | Copy of Notice of Allowance for U.S. Appl. No. 12/703,042, mailed March 4, 2013, 9 pages. | |
| | NPL643 | Copy of Non-Final Office Action for U.S. Appl. No. 12/690,125, mailed April 15, 2013, 11 pages. | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 14/135,926 |
| | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 74 | of | 97 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL644 | Copy of Notice of Allowance for U.S. Appl. No. 13/154,239, mailed April 24, 2013, 10 pages. | |
| | NPL645 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,427, mailed May 14, 2013, 6 pages. | |
| | NPL646 | Copy of Supplemental Notice of Allowance for U.S. Appl. No. 11/553,427, mailed May 15, 2013, 6 pages. | |
| | NPL647 | Copy of Notice of Allowance for U.S. Appl. No. 12/857,238, mailed June 17, 2013, 6 pages. | |
| | NPL648 | Copy of Supplemental Notice of Allowance for U.S. Appl. No. 12/703,042, mailed June 18, 2013, 6 pages. | |
| | NPL649 | Copy of Supplemental Notice of Allowance for U.S. Appl. No. 11/553,427, mailed July 2, 2013, 2 pages. | |
| | NPL650 | Copy of Non-Final Office Action for U.S. Appl. No. 09/969,987, mailed July 3, 2013, 8 pages. | |
| | NPL651 | Copy of Notice of Allowance for U.S. Appl. No. 13/154,211, mailed July 11, 2013, 10 pages. | |
| | NPL652 | Copy of Non-Final Office Action for U.S. Appl. No. 13/118,122, mailed July 19, 2013, 12 pages. | |
| | NPL653 | Copy of Notice of Allowance for U.S. Appl. No. 13/154,239, mailed August 2, 2013, 9 pages. | |

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| | | | Examiner Name | BOCURE, Tesfaldet |
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| Sheet | 75 | of | 97 | |

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| | NPL654 | Copy of Notice of Allowance for U.S. Appl. No. 13/118,122, mailed September 19, 2013, 6 pages. | |
| | NPL655 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,419, mailed October 17, 2013, 7 pages. | |
| | NPL656 | Copy of Notice of Allowance for U.S. Appl. No. 12/857,238, mailed October 23, 2013, 7 pages. | |
| | NPL657 | Copy of Notice of Allowance for U.S. Appl. No. 13/154,211, mailed October 24, 2013, 9 pages. | |
| | NPL658 | Copy of Final Office Action for U.S. Appl. No. 13/482,800, mailed October 25, 2013, 21 pages. | |
| | NPL659 | International Search Report for PCT/US00/42018, mailed July 31, 2001, 3 pages. | |
| | NPL660 | International Search Report for PCT/US01/03712, mailed May 10, 2002, 2 pages. | |
| | NPL661 | International Search Report for PCT/US01/03711, mailed January 28, 2001, 5 pages. | |
| | NPL662 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 6,604,158, March 3, 2011, 5 pgs. | |
| | NPL663 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 7,415,530, March 3, 2011, 14 pgs. | |

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| Sheet | 76 | of | 97 | |

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| | NPL664 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 6,601,104, March 3, 2011, 5 pgs. | |
| | NPL665 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 7,161,506, March 3, 2011, 12 pgs. | |
| | NPL666 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 7,395,345, March 3, 2011, 14 pgs. | |
| | NPL667 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 7,321,937, March 3, 2011, 14 pgs. | |
| | NPL668 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 7,352,300, March 3, 2011, 14 pgs. | |
| | NPL669 | Copy of submission of prior art under 37 CFR 1.501, for U.S. Pat. No. 7,378,992, March 3, 2011, 14 pgs. | |
| | NPL670 | Ex Parte Reexamination Interview Summary, mailed December 3, 2009, for U.S. Reexam App. No. 90/009,428, 4 pgs. | |
| | NPL671 | Request for Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed December 30, 2010, 696 pages. | |
| | NPL672 | Replacement Request for Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, filed March 1, 2011, 357 pages. | |
| | NPL673 | L. Gannoun, "RTP Payload Format for X Protocol Media Streams," Audio-Visual Transport WG Internet Draft, Internet Engineering Task Force, March 11, 1998, 15 pgs. | |

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| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
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| Sheet | 77 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL674 | Official Order Granting Request for Inter Partes Reexamination of U.S. Pat. No. 6,624,761, Control No. 95/000,464, issued July 24, 2009, 29 pgs. | |
| | NPL675 | Non-Final Office Action in Inter Partes Reexamination of U.S. Pat. No. 6,624,761, Control No. 95/000,464, issued December 15, 2009, 20 pgs. | |
| | NPL676 | Non-Final Office Action in Inter Partes Reexamination of U.S. Pat. No. 7,321,937, Control No. 95/000,466, issued June 22, 2009, 11 pgs. | |
| | NPL677 | Official Order Granting Request for Inter Partes Reexamination of U.S. Pat. No. 7,321,937, Control No. 95/000,466, issued June 22, 2009, 16 pgs. | |
| | NPL678 | Official Action Closing Prosecution for Inter Partes Reexamination of U.S. Pat. No. 7,321,937, Control No. 95/000,466, issued December 22, 2009, 20 pgs. | |
| | NPL679 | Comments by Third Party Requester to Patent Owner's Response Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/000,466, filed November 10, 2009, 30 pgs. | |
| | NPL680 | Supplemental Declaration of Professor James A. Storer, Ph.D. under 37 C.F.R. §1.132 in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/000,466, executed on November 10, 2009, 16 pgs. | |
| | NPL681 | Examiner Interview Summary in Ex Parte Reexamination of U.S. Pat. No. 6,601,104, Control No. 90/009,428, issued December 3, 2009, 3 pgs. | |
| | NPL682 | Non-Final Office Action in Ex Parte Reexamination of U.S. Pat. No. 6,601,104, Control No. 90/009,428, issued November 2, 2009, 13 pgs. | |
| | NPL683 | Official Order Granting Request for Ex Parte Reexamination of U.S. Pat. No. 6,601,104, Control No. 90/009,428, issued June 1, 2009, 12 pgs. | |

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| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 78 | of | 97 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL684 | Declaration of Dr. George T. Ligler under 37 C.F.R. §1.132 in Ex Parte Reexamination of U.S. Pat. No. 6,601,104, Control No. 90/009,428, executed December 28, 2009 16 pgs. | |
| | NPL685 | Supplementary Declaration of Dr. George T. Ligler under 37 C.F.R. §1.132 in Ex Parte Reexamination of U.S. Pat. No. 6,601,104, Control No. 90/009,428, executed December 30, 2009 1 pg. | |
| | NPL686 | Declaration of Dr. George T. Ligler under 37 C.F.R. §1.132 in Inter Partes Reexamination of U.S. Pat. No. 7,321,937, Control No. 95/000,466, executed August 24, 2009, 30 pgs. | |
| | NPL687 | Official Order Granting Request for Inter Partes Reexamination of U.S. Pat. No. 7,161,506, Control No. 95/000,479, issued August 14, 2009, 41 pgs. | |
| | NPL688 | Non-Final Office Action in Inter Partes Reexamination of U.S. Pat. No. 7,161,506, Control No. 95/000,479, issued December 15, 2009, 37 pgs. | |
| | NPL689 | Official Order Granting Request for Inter Partes Reexamination of U.S. Pat. No. 7,378,992, Control No. 95/000,478, issued August 13, 2009, 60 pgs. | |
| | NPL690 | Non-Final Office Action in Inter Partes Reexamination of U.S. Pat. No. 7,378,992, Control No. 95/000,478, issued December 15, 2009, 27 pgs. | |
| | NPL691 | Official Order Granting Request for Inter Partes Reexamination of U.S. Pat. No. 6,604,158 Control No. 95/000,486, issued August 14, 2009, 35 pgs. | |
| | NPL692 | Non-Final Office Action in Inter Partes Reexamination of U.S. Pat. No. 6,604,158, Control No. 95/000,486, issued November 12, 2009, 199 pgs. | |
| | NPL693 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Pat. No. 6,624,761, Control No. 95/000,464, issued January 6, 2011, 15 pgs. | |

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| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL694 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Pat. No. 6,624,761, Control No. 95/000,464, issued August 27, 2010, 25 pgs. | |
| | NPL695 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Pat. No. 7,321,937, Control No. 95/000,466, issued May 24, 2010, 23 pgs. | |
| | NPL696 | Final Office Action in Ex Parte Reexamination of U.S. Pat. No. 6,601,104, Control No. 90/009,428, issued February 5, 2010, 16 pgs. | |
| | NPL697 | Right of Appeal Notice for Inter Partes Reexamination of U.S. Pat. No. 7,161,506, Control No. 95/000,479, issued January 6, 2011, 18 pgs. | |
| | NPL698 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Pat. No. 7,161,506, Control No. 95/000,479, issued August 27, 2010, 34 pgs. | |
| | NPL699 | Right of Appeal Notice for Inter Partes Reexamination of U.S. Pat. No. 7,378,992, Control No. 95/000,478, issued January 6, 2011, 15 pgs. | |
| | NPL700 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Pat. No. 7,378,992, Control No. 95/000,478, issued August 23, 2010, 31 pgs. | |
| | NPL701 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Pat. No. 6,604,158 Control No. 95/000,486, issued March 7, 2011, 257 pgs. | |
| | NPL702 | Patent Owner's reply to Office Action in Inter Partes Reexamination of U.S. Patent No. 7,378,992, mailed March 15, 2010, 23 pages. | |
| | NPL703 | Patent Owner's Reply to Office Action in Inter Partes Reexamination of U.S. Patent No. 7,161,506, mailed March 15, 2010, 23 pages. | |

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| | NPL704 | Patent Owner's Reply to Action Closing Prosecution of August 23, 2010 in Inter Partes Reexamination of U.S. Patent 7,378,992, mailed September 23, 2010, 23 pages. | |
| | NPL705 | Patent Owner's Reply to Action Closing Prosecution of August 27, 2010 in Inter Partes Reexamination of U.S. Patent No. 7,161,506, mailed September 27, 2010, 26 pages. | |
| | NPL706 | Patent Owner's reply to Action Closing Prosecution of August 27, 2010 in Inter Partes Reexamination of U.S. Patent No. 6,624,761, mailed September 27, 2010, 20 pages. | |
| | NPL707 | Corrected Request for Inter Partes Reexamination of U.S. Patent No. 6,624,761, filed June 15, 2009, 241 pages. | |
| | NPL708 | Request for Inter Partes Reexamination of U.S. Patent No. 7,378,992, filed May 21, 2009, 255 pages. | |
| | NPL709 | Request for Inter Partes Reexamination of U.S. Patent No. 7,161,506, filed May 28, 2009, 455 pages. | |
| | NPL710 | Request for Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, filed March 21, 2011, 2,136 pages. | |
| | NPL711 | Request for Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, filed February 14, 2011, 420 pages. | |
| | NPL712 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Pat. No. 7,321,937, Control No. 95/000,466 issued December 22, 2009, 20 pages. | |
| | NPL713 | Order Granting request for inter partes reexamination of U.S. Patent No. 7,400,274 and Non-Final Office Action in Inter Partes reexam of U.S. Patent No. 7,400,274, Control No. 95/001,544, issued March 25, 2011, 47 pages. | |

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| | NPL714 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed May 20, 2011, 47 pages. | |
| | NPL715 | Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed June 15, 2011, 22 pages. | |
| | NPL716 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,553, mailed May 6, 2011, 105 pages. | |
| | NPL717 | Order Granting Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed March 9, 2011, 21 pages. | |
| | NPL718 | Appeal Brief filed in Inter Partes Reexamination of U.S. Patent No. 6,601,104, Control no. 90/009,428, mailed September 2, 2010, 28 pages | |
| | NPL719 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/000,466, mailed July 18, 2011, 33 pages. | |
| | NPL720 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed July 25, 2011, 274 pages. | |
| | NPL721 | Non-Final Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed September 21, 2011, 29 pages. | |
| | NPL722 | Definition of "data packet", Academic Press Dictionary of Science and Technology, Copyright 1992, 1996, cited by Examiner in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed September 21, 2011, 2 pages. | |
| | NPL723 | Patent Owner's Reply to Office Action in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed September 26, 2011, 44 pages. | |

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| | NPL724 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 6,624,761, Control No. 95/000,464, mailed September 28, 2011, 20 pages. | |
| | NPL725 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control no. 95/000,479, mailed September 28, 2011, 25 pages. | |
| | NPL726 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, mailed September 29, 2011, 27 pages. | |
| | NPL727 | Decision on Appeal in Ex parte Reexamination of U.S. Patent No. 6,601,104 B1, Control No. 90/009,428, dated March 18, 2011, 14 pages. | |
| | NPL728 | Patent Owner's Rebuttal Brief Under 37 C.F.R § 41.71 Retracting the Arguments Made to Overcome the Claim Rejections and Thereby Eliminating the Issues on Appeal in Inter Partes Reexamination of U.S. Patent No, 6,624,761, Control No. 95/000,464, dated October 28, 2011, 9 pages. | |
| | NPL729 | Patent Owner's Rebuttal Brief Under 37 C.F.R § 41.71 Retracting the Arguments Made to Overcome the Claim Rejections and Thereby Eliminating the Issues on Appeal in Inter Partes Reexamination of U.S. Patent No, 7,378,992, Control No. 95/000,478, dated October 28, 2011, 10 pages. | |
| | NPL730 | Patent Owner's Rebuttal Brief Under 37 C.F.R § 41.71 Retracting the Arguments Made to Overcome the Claim Rejections and Thereby Eliminating the Issues on Appeal in Inter Partes Reexamination of U.S. Patent No, 7,161,506, Control No. 95/000,479, dated October 28, 2011, 9 pages. | |
| | NPL731 | Non-Final Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed November 18, 2011, 39 pages. | |
| | NPL732 | Non-Final Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed December 9, 2011, 42 pages. | |
| | NPL733 | Patent Owner's Reply to Action Closing Prosecution of November 18, 2011 in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed December 19, 2011, 9 pages. | |

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| Examiner Signature | /Tefaldet Bocure/ | Date Considered | 02/19/2014 |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 14/135,926 |
| | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | FALLON et al. |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 83 | of | 97 | | |

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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL734 | Patent Owner's Reply to Action Closing Prosecution of December 9, 2011 in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed December 29, 2011, 14 pages. | |
| | NPL735 | Notice of Intent to Issue Ex Parte Reexamination Certificate in Ex Parte Reexamination of U.S. Patent No. 6,601,104, Control No. 90/009,428, mailed January 13, 2012, 5 pages. | |
| | NPL736 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 6,624,761, Control No. 95/000,464, mailed January 18, 2012, 5 pages. | |
| | NPL737 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/000,466, mailed January 18, 2012, 8 pages. | |
| | NPL738 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, mailed January 18, 2012, 5 pages. | |
| | NPL739 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/000,479, mailed January 18, 2012, 6 pages. | |
| | NPL740 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed January 27, 2012, 152 pages. | |
| | NPL741 | Patent Owner's Respondent Brief on Appeal Under 37 C.F.R. § 41.68 in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed February 17, 2012, 20 pages. | |
| | NPL742 | Patent Owner's Reply to Second Non-Final Office Action of January 27, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, filed February 24, 2012, 30 pages. | |
| | NPL743 | Ex Parte Reexamination Certificate in Ex Parte Reexamination of U.S. Patent No. 6,601,104, Control No. 90/009,428, issued February 28, 2012, 2 pages. | |

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| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 84 | of | 97 | |

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| | NPL744 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed March 1, 2012, 4 pages. | |
| | NPL745 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed March 1, 2012, 8 pages. | |
| | NPL746 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed March 6, 2012, 7 pages. | |
| | NPL747 | Request for Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, filed March 2, 2012, including accompanying Exhibits PA-A to PA-D, PAT-A to PAT-C, CC-A to CC-D, Oth-A, and Form PTO/SB/08a, 2865 pages. | |
| | NPL748 | Request for Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, filed March 2, 2012, including accompanying Exhibits PA-A to PA-D, PAT-A to PAT-B, CC-A to CC-F, Oth-A, and Form PTO/SB/08a, 560 pages. | |
| | NPL749 | Request for Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, filed March 2, 2012, including accompanying Exhibits PA-A to PA-H, PAT-A to PAT-B, CC-A to CC-F, Oth-A, and Form PTO/SB/08a, 1012 pages. | |
| | NPL750 | Request for Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, filed March 2, 2012, including accompanying Exhibits PA-A to PA-C, PAT-A, CC-A to CC-C, Oth-A, and Form PTO/SB/08a, 204 pages. | |
| | NPL751 | Request for Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, filed March 2, 2012, with accompanying Exhibits PA-A to PA-C, PAT-A to PAT-C, CC-A to CC-B, Oth-A to Oth-B, and Form PTO/SB/08a, 2651 pages. | |
| | NPL752 | Request for Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, filed March 2, 2012, including accompanying Exhibits PA-A to PA-F, PAT-A to PAT-B, CC-A to CC-O, Oth-A, and Form PTO/SB/08a, 700 pages. | |
| | NPL753 | Request for Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, filed March 2, 2012, including Exhibits PA-A to PA-D, PAT-A to PAT-C, CC-A to CC-B, Oth-A, and Form PTO/SB/08a, 2316 pages. | |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 85 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL754 | Official Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, mailed March 19, 2012, 11 pages. | |
| | NPL755 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, mailed March 19, 2012, 20 pages. | |
| | NPL756 | Notice of Intent to Issue Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/000,466, mailed March 21, 2012, 7 pages. | |
| | NPL757 | Right of Appeal Notice for Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/000,486, mailed March 26, 2012, 253 pages. | |
| | NPL758 | Notice of Intent to Issue Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 6,624,761, Control No. 95/000,464, mailed April 3, 2012, 7 pages. | |
| | NPL759 | Notice of Intent to Issue Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/000,479, mailed April 4, 2012, 15 pages. | |
| | NPL760 | Notice of Intent to Issue Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, mailed April 6, 2012, 5 pages. | |
| | NPL761 | Official Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control no. 95/001,922, mailed April 20, 2012, 17 pages. | |
| | NPL762 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed April 20, 2012, 8 pages. | |
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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 86 | of | 97 | |

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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL764 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed April 25, 2012, 7 pages. | |
| | NPL765 | Official Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, mailed April 25, 2012, 8 pages. | |
| | NPL766 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, mailed April 25, 2012, 8 pages. | |
| | NPL767 | Official Order Denying Request for Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, mailed April 27, 2012, 52 pages. | |
| | NPL768 | Official Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, mailed May 7, 2012, 14 pages. | |
| | NPL769 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, mailed May 7, 2012, 8 pages. | |
| | NPL770 | Petition Under 37 C.F.R. §§ 1.181 and 1.182 for Correction of Notice of Intent to Issue Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, filed May 9, 2012, 8 pages. | |
| | NPL771 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/000,466, issued May 15, 2012, 2 pages. | |
| | NPL772 | Official Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed May 17, 2012, 12 pages. | |
| | NPL773 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed May 17, 2012, 18 pages. | |

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| | | First Named Inventor | FALLON et al. |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| | | Attorney Docket Number | 2855.0050008 |
| Sheet | 87 | of | 97 |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL774 | Patent Owner's Response to Office Action of March 19, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, filed May 21, 2012, 21 pages. | |
| | NPL775 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/000,479, issued May 22, 2012, 2 pages. | |
| | NPL776 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 6,624,761, Control No. 95/000,464, issued June 12, 2012, 2 pages. | |
| | NPL777 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed June 18, 2012, 45 pages. | |
| | NPL778 | Patent Owner's Response to Office Action of April 20, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, filed June 20, 2012, 11 pages. | |
| | NPL779 | Patent Owner's Response to Office Action of April 25, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, filed June 25, 2012, 20 pages. | |
| | NPL780 | Patent Owner's Response to Office Action of April 25, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, filed June 25, 2012, 20 pages. | |
| | NPL781 | Patent Owner's Response to Office Action of May 7, 2012 in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, filed July 9, 2012, 19 pages. | |
| | NPL782 | Patent Owner's Response to Office Action of May 17, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, filed July 17, 2012, 31 pages. | |
| | NPL783 | New Decision on Appeal after Board Decision in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed July 24, 2012, 24 pages. | |

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| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
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| | NPL784 | Right of Appeal Notice for Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed August 3, 2012, 7 pages. | |
| | NPL785 | Notice of Intent to Issue Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/000,486, mailed August 30, 2012, 5 pages. | |
| | NPL786 | Notice of Intent to Issue Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, mailed August 31, 2012, 6 pages. | |
| | NPL787 | Decision on Petition for Supervisory Review of Refusal to Order Reexamination for Claims 1-2, 16-21, and 23 (37 CFR §§ 1.927 and 1.181) in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, mailed August 31, 2012, 10 pages. | |
| | NPL788 | Decision on Petition Under 37 C.F.R. §§ 1.181 and 1.182 for Correction of Notice of Intent to Issue Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, mailed September 10, 2012, 6 pages. | |
| | NPL789 | Decision on Petition for Supervisory Review of Refusal to Order Reexamination of Claims 5-7, 14-16, and 18-19 (37 CFR §§ 1.927 and 1.181) in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed September 10, 2012, 12 pages. | |
| | NPL790 | Decision on Petition for Supervisory Review of Refusal to Order Reexamination for Claims 86, 89, 90, 92-96, and 98 (37 CFR §§ 1.927 and 1.181) in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed September 21, 2012, 10 pages. | |
| | NPL791 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, mailed September 21, 2012, 15 pages. | |
| | NPL792 | Patent Owner's Request to Reopen Prosecution Before the Examiner Under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed September 24, 2012, 29 pages. | |
| | NPL793 | Examiner's Answer to Appeal Brief in Ex Parte Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed October 1, 2012, 17 pages. | |

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| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 89 | of | 97 | |

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| | NPL794 | Inter Partes Reexam Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/000,478, issued October 4, 2012, 2 pages. | |
| | NPL795 | Inter Partes Reexam Certificate in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/000,486, issued October 10, 2012, 2 pages. | |
| | NPL796 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed October 15, 2012, 44 pages. | |
| | NPL797 | Non-Final Office Action in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed October 18, 2012, 10 pages. | |
| | NPL798 | Patent Owner's Rebuttal Brief Under 37 C.F.R § 41.71 in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, filed November 15, 2012, 15 pages. | |
| | NPL799 | Patent Owner's Response to Office Action of October 18, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, filed November 19, 2012, 30 pages. | |
| | NPL800 | Patent Owner's Supplemental Amendment Subsequent to Timely Submission of Response to Office Action of October 18, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, filed November 27, 2012, 6 pages. | |
| | NPL801 | Patent Owner's Response to Office Action of September 21, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, filed December 21, 2012, 51 pages. | |
| | NPL802 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed March 5, 2013, 23 pages. | |
| | NPL803 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, mailed March 5, 2013, 29 pages. | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | 14/135,926 |
| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 90 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published | T ² |
| | NPL804 | Examiner's Answer to Appeal Brief in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed March 14, 2013, 21 pages. | |
| | NPL805 | Decision on Petition to Strike Patent Owner's Rebuttal Brief in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed March 15, 2013, 7 pages. | |
| | NPL806 | Order Remanding Inter Partes Reexamination Under 37 C.F.R § 41.77(d) to the Examiner in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed March 18, 2013, 3 pages. | |
| | NPL807 | Decision on Petition Under 37 C.F.R. § 1.183 to Request Examiner Enter Evidence in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed March 20, 2013, 7 pages. | |
| | NPL808 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, mailed April 3, 2013, 24 pages. | |
| | NPL809 | Patent Owner's Reply to Action Closing Prosecution of March 5, 2013 in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, filed April 5, 2013, 19 pages. | |
| | NPL810 | Patent Owner's Reply to Action Closing Prosecution of March 5, 2013 in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, filed April 5, 2013, 23 pages. | |
| | NPL811 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed April 9, 2013, 59 pages. | |
| | NPL812 | "Data Transfer Rate (DTR)," accessed at http://searchunifiedcommunications.techtarget.com/definition/data-transfer-rate , published May 18, 2011, 1 page. | |
| | NPL813 | "Bandwidth - technical definition," accessed at http://computer.yourdictionary.com/bandwidth , accessed on March 7, 2013, 4 pages. | |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 91 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL814 | "Bandwidth - Definition," accessed at http://www.yourdictionary.com/bandwidth , accessed on March 7, 2013, 2 pages. | |
| | NPL815 | "Bandwidth," accessed at http://searchenterprise.wan.techtarg.com/definitions/bandwidth , published March 24, 2010, 1 page. | |
| | NPL816 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed April 9, 2013, 30 pages. | |
| | NPL817 | Examiner's Determination Under 37 C.F.R. § 41.77(d) in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed April 10, 2013, 7 pages. | |
| | NPL818 | Patent Owner's Supplemental Response to Office Action of May 7, 2012 in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, filed April 29, 2013, 20 pages. | |
| | NPL819 | Patent Owner's Supplemental Response to Office Action of March 19, 2012 in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, filed May 6, 2013, 24 pages. | |
| | NPL820 | Patent Owner's Response to Action Closing Prosecution of April 9, 2013 in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, filed May 9, 2013, 13 pages. | |
| | NPL821 | Patent Owner's Response to Action Closing Prosecution of April 9, 2013 in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, filed May 9, 2013, 29 pages. | |
| | NPL822 | Patent Owner's Comments in Response to Examiner's Determination Under 37 C.F.R. § 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed May 10, 2013, 20 pages. | |
| | NPL823 | Patent Owner's Supplemental Response to Action Closing Prosecution of April 9, 2013 in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, filed May 15, 2013, 13 pages. | |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 92 | of | 97 | |

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| | NPL824 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, mailed May 31, 2013, 26 pages. | |
| | NPL825 | Petition Under 37 C.F.R. § 1.181 to Expunge Third Party Requester's Improper Submission of Declarations Under 37 C.F.R. § 1.132 and Strike Comments Directed to Examiner's Determination in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed June 26, 2013, 6 pages. | |
| | NPL826 | Notice of Intent to Issue A Reexam Certificate in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, mailed July 19, 2013, 5 pages. | |
| | NPL827 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed August 15, 2013, 12 pages. | |
| | NPL828 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed August 16, 2013, 11 pages. | |
| | NPL829 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,415,530, Control No. 95/001,927, issued August 16, 2013, 2 pages. | |
| | NPL830 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, mailed August 16, 2013, 11 pages. | |
| | NPL831 | Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,925, mailed August 29, 2013, 23 pages. | |
| | NPL832 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, mailed September 20, 2013, 47 pages. | |
| | NPL833 | Decision on Petition(s) Decided Under 37 C.F.R. 1.181 in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed September 23, 2013, 3 pages. | |

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| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 93 | of | 97 | |

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| | NPL834 | Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, mailed October 2, 2013, 18 pages. | |
| | NPL835 | Patent Owner's Reply to Action Closing Prosecution of September 20, 2013 in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, filed October 21, 2013, 9 pages. | |
| | NPL836 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed November 1, 2013, 18 pages. | |
| | NPL837 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed November 1, 2013, 12 pages. | |
| | NPL838 | Decision on Appeal in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed November 1, 2013, 15 pages. | |
| | NPL839 | Patent Owner's Reply to Action Closing Prosecution of October 2, 2013 in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, filed November 4, 2013, 9 pages. | |
| | NPL840 | Notice of Intent to Issue A Reexam Certificate in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed November 13, 2013, 8 pages. | |
| | NPL841 | Copy of Supplemental Notice of Allowability for U.S. Appl. No. 13/154,211, mailed November 26, 2013, 4 pages. | |
| | NPL842 | Copy of Notice of Allowance for U.S. Appl. No. 13/101,994, mailed December 2, 2013, 7 pages. | |
| | NPL843 | Copy of Notice of Allowance for U.S. Appl. No. 11/553,419, mailed December 18, 2013, 6 pages. | |

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | 14/135,926 |
| | | | Filing Date | December 19, 2013 |
| | | | First Named Inventor | FALLON et al. |
| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| | | | Sheet | 94 |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL844 | Copy of Supplemental Notice of Allowability for U.S. Appl. No. 13/154,211, mailed December 19, 2013, 4 pages. | |
| | NPL845 | Copy of Non-Final Office Action for U.S. Appl. No. 14/035,716, mailed December 20, 2013, 12 pages. | |
| | NPL846 | Copy of Notice of Allowance for U.S. Appl. No. 14/035,712, mailed December 20, 2013, 8 pages. | |
| | NPL847 | Copy of Non-Final Office Action for U.S. Appl. No. 14/035,719, mailed December 20, 2013, 11 pages. | |
| | NPL848 | Copy of Final Office Action for U.S. Appl. No. 12/690,125, mailed December 27, 2013, 12 pages. | |
| | NPL849 | Copy of Corrected Notice of Allowability for U.S. Appl. No. 11/553,419, mailed January 14, 2014, 2 pages. | |
| | NPL850 | Copy of Notice of Allowance for U.S. Appl. No. 14/035,561, mailed January 16, 2014, 9 pages. | |
| | NPL851 | Notice of Intent to Issue an Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, mailed November 21, 2013, 10 pages. | |
| | NPL852 | Notice of Intent to Issue an Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed November 27, 2013, 10 pages. | |
| | NPL853 | Patent Owner's Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, filed December 2, 2013, 41 pages. | |

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| | | | Filing Date | December 19, 2013 |
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| | | | Art Unit | 2634 |
| | | | Examiner Name | BOCURE, Tesfaldet |
| | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 95 | of | 97 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
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| | NPL854 | Patent Owner's Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, filed December 2, 2013, 57 pages. | |
| | NPL855 | Patent Owner's Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, filed December 2, 2013, 33 pages. | |
| | NPL856 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,321,937, Control No. 95/001,922, mailed December 5, 2013, 2 pages. | |
| | NPL857 | Patent Owner's Petition Under 37 C.F.R. § 1.182 in Opposition to CME Group's Petition to Strike Patent Owner's Proposed New Claims, in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed January 2, 2014, 8 pages. | |
| | NPL858 | Patent Owner's Petition Under 37 C.F.R. § 1.182 in Opposition to CME Group's Petition to Strike Patent Owner's Proposed New Claims, in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed January 2, 2014, 8 pages. | |
| | NPL859 | Patent Owner's Petition Under 37 C.F.R. § 1.182 in Opposition to CME Group's Petition to Strike Patent Owner's Proposed New Claims, in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed January 2, 2014, 10 pages. | |
| | NPL860 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed January 8, 2014, 2 pages. | |
| | NPL861 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, mailed January 8, 2014, 3 pages. | |
| | NPL862 | Examiner's Determination Under 37 C.F.R. § 41.77(d) in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed January 14, 2014, 11 pages. | |
| | NPL863 | Patent Owner's Petition Under 37 C.F.R. § 1.181 to Strike Third Party Requester's Improper Response Under 37 C.F.R. § 41.77(c), in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed January 22, 2014, 3 pages. | |

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| | NPL864 | Patent Owner's Petition Under 37 C.F.R. § 1.181 to Strike Third Party Requester's Improper Response Under 37 C.F.R. § 41.77(c), in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed January 22, 2014, 3 pages. | |
| | NPL865 | Patent Owner's Petition Under 37 C.F.R. § 1.181 to Strike Third Party Requester's Improper Response Under 37 C.F.R. § 41.77(c), in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed January 22, 2014, 3 pages. | |
| | NPL866 | Patent Owner's Petition Under 37 C.F.R. § 1.181 to Strike Third Party Requester's Improper Response Under 37 C.F.R. § 1.132, in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed January 22, 2014, 3 pages. | |
| | NPL867 | Patent Owner's Petition Under 37 C.F.R. § 1.181 to Strike Third Party Requester's Improper Response Under 37 C.F.R. § 1.132, in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed January 22, 2014, 3 pages. | |
| | NPL868 | Patent Owner's Petition Under 37 C.F.R. § 1.181 to Strike Third Party Requester's Improper Response Under 37 C.F.R. § 1.132, in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed January 22, 2014, 3 pages. | |
| | NPL869 | Court Docket History for 6:10-cv-00493-LED-JDL, Realtime Data, LLC d/b/a IXO, v. T-Mobile, USA Inc., downloaded January 30, 2014, 78 pages. | |
| | NPL870 | Court Docket History for 1:11-cv-06696-RJH, Realtime Data, LLC d/b/a IXO, v. Morgan Stanley et al., downloaded January 30, 2014, 80 pages. | |
| | NPL871 | Court Docket History for 1:11-cv-06697-UA, Realtime Data, LLC d/b/a IXO, v. CME Group Inc. et al., downloaded January 30, 2014, 105 pages. | |
| | NPL872 | Court Docket History for 1:11-cv-06698-UA, Realtime Data, LLC d/b/a IXO, v. Thomson Reuters et al., downloaded January 30, 2014, 59 pages. | |
| | NPL873 | Opinion, with Errata, filed in Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al., Case Nos. 13-1092, -1093, -1095, -1097, -1098, -1099, -1100, -1101, and -1103, United States Court of Appeals for the Federal Circuit, filed January 27, 2014, 41 pages. | |

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| | | | | Examiner Name | BOCURE, Tesfaldet |
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| | NPL874 | Copy of Notice of Corrected Notice of Allowability for U.S. Application No. 11/553,419, mailed January 31, 2014, 2 pages. | |
| | NPL875 | U.S. Patent Application No. 14/134,933, FALLON, et al., "System and Methods for Video and Audio Data Distribution," filed December 19, 2013. | |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Table with 4 columns: APPLICATION NUMBER (14/134,926), FILING OR 371(C) DATE (12/19/2013), FIRST NAMED APPLICANT (James J. FALLON), ATTY. DOCKET NO./TITLE (2855.0050008)

CONFIRMATION NO. 7069

PUBLICATION NOTICE

26111
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005



Title:SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION

Publication No.US-2014-0105270-A1

Publication Date:04/17/2014

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

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Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Realtime Data LLC

Appl. No.: 14/134,926

Filed: December 19, 2013

For: **SYSTEM AND METHODS FOR
VIDEO AND AUDIO DATA
DISTRIBUTION**

Confirmation No.: 7069

Art Unit: 2634

Examiner: BOCURE, Tesfaldet

Atty. Docket: 2855.0050008

Amendment and Reply Under 37 C.F.R. § 1.111

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Commissioner:

In reply to the Office Action dated February 27, 2014 ("Office Action"), Applicant submits the following Amendment and Remarks.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any additional fees required to continue prosecution or appeal of this application (including issue fee, fees for net addition of claims or forwarding to appeal) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments to the Specification

1. Applicant respectfully requests ¶ [0054] of the Specification as filed on December 19, 2013 be amended as follows:

[0054] The present invention is directed to a system and method for compressing and decompressing based on the actual or expected throughput (bandwidth) of a system employing data compression. Although one of ordinary skill in the art could readily envision various implementations for the present invention, a preferred system in which this invention is employed comprises a data storage controller that preferably utilizes a real-time data compression system to provide “accelerated” data storage and retrieval bandwidths. The concept of “accelerated” data storage and retrieval was introduced in ~~co-pending~~ U.S. Patent Application Serial No. 09/266,394, filed March 11, 1999, entitled “System and Methods For Accelerated Data Storage and Retrieval,” now U.S. Patent No. 6,601,104, and ~~co-pending~~ U.S. Patent Application Serial No. 09/481,243, filed January 11, 2000, entitled “System and Methods For Accelerated Data Storage and Retrieval,” now U.S. Patent No. 6,604,158, both of which are commonly assigned and incorporated herein by reference.

2. Applicant respectfully requests ¶ [0079] of the Specification as filed on December 19, 2013 be amended as follows:

[0079] Further, the present invention can be implemented with a data storage controller utilizing data compression and decompression to provided accelerated data storage and retrieval from a mass storage device. Exemplary embodiments of preferred data storage controllers in which the present invention may be implemented are described, for example, in U.S. Patent Application Serial No. 09/775,905, filed on February 2, 2001, entitled “Data Storewidth Accelerator”, now U.S.

Patent No. 6,748,457, which is commonly assigned and fully incorporated herein by reference.

3. Applicant respectfully requests ¶ [0083] of the Specification as filed on December 19, 2013 be amended as follows:

[0083] The storage controller 120 further comprises computer reset and power up circuitry 128 (or “boot configuration circuit”) for controlling initialization (either cold or warm boots) of the host computer system and storage controller 120. A preferred boot configuration circuit and preferred computer initialization systems and protocols are described in U.S. Patent Application Serial No. 09/775,897, filed on February 2, 2001, entitled “System and Methods For Computer Initialization,” now abandoned, which is commonly assigned and incorporated herein by reference. Preferably, the boot configuration circuit 128 is employed for controlling the initializing and programming the programmable logic device 122 during configuration of the host computer system (i.e., while the CPU of the host is held in reset). The boot configuration circuit 128 ensures that the programmable logic device 122 (and possibly other volatile or partially volatile logic devices) is initialized and programmed before the bus 116 (such as a PCI bus) is fully reset. In particular, when power is first applied to the boot configuration circuit 128, the boot configuration circuit 28 generates a control signal to reset the local system (e.g., storage controller 120) devices such as a DSP, memory, and I/O interfaces. Once the local system is powered-up and reset, the controlling device (such as the DSP 121) will then proceed to automatically determine the system environment and configure the local system to work within that environment. By way of example, the DSP 121 of the disk storage controller 120 would sense that the data storage controller 120 is on a PCI computer bus (expansion bus) and has attached to it a hard disk on an IDE interface. The DSP 121 would then load the appropriate PCI and IDE interfaces into the programmable logic device 122 prior to

completion of the host system reset. Once the programmable logic device 122 is configured for its environment, the boot device controller is reset and ready to accept commands over the computer/expansion bus 116.

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method, comprising:

determining a parameter or an attribute of at least a portion of a data block having video or audio data;

selecting ~~[[a]]~~ one or more compression algorithms from among a plurality of compression algorithms to apply to the at least the portion of the data block based upon the determined parameter or attribute and a ~~bandwidth of a transmission line or throughput~~ of a communication channel, at least one of the plurality of compression algorithms being asymmetric; and

compressing the at least the portion of the data block with the selected compression algorithm after selecting the one or more compression algorithms.

2. (Currently Amended) The method of claim 1, further comprising:

storing at least a portion of the compressed data block.

3. (Currently Amended) The method of claim 2, further comprising:

retrieving ~~at least some of~~ at least a portion of the at least stored portion of the compressed data block based upon a user command or the ~~bandwidth of the transmission line or~~ throughput of the communication channel ~~or a user command~~.

4. – 5. (Cancelled)

6. (Currently Amended) The method of claim 1, wherein selecting comprises:

selecting the one or more compression algorithms to apply to the at least the portion of the data block based upon the determined parameter or attribute, the ~~bandwidth of the transmission line or~~ throughput of the communication channel, and a frequency of access of at least a portion of ~~[[the]]~~ a second compressed or uncompressed data block.

7. (Currently Amended) The method of claim 1, wherein compressing comprises:

compressing the at least the portion of the data block with the selected one or more compression algorithms based upon a user command.

8. (Currently Amended) An apparatus, comprising:
a controller configured to:

determine a parameter or an attribute of at least a portion of a data block having video or audio data, and

select ~~[[a]]~~ one or more compression algorithms from among a plurality of compression algorithms ~~[[the]]~~ to determine a plurality of compression algorithms to apply to the at least the portion of the data block based upon the determined parameter or attribute and a ~~bandwidth of a transmission line or~~ throughput of a communication channel, at least one of the plurality of compression algorithms being asymmetric; and

a data compression system configured to compress the at least the portion of the data block with the selected one or more compression algorithms.

9. (Currently Amended) The apparatus of claim 8, further comprising:

a storage medium configured to store a portion of the at least compressed portion of the data block.

10. (Currently Amended) The apparatus of claim 9, wherein the data compression system is further configured to retrieve ~~at least some of~~ at least a portion of the at least stored portion of the at least compressed portion of the data block ~~from the storage medium~~ based upon the ~~bandwidth of the transmission line or~~ throughput of the communication channel or a user command.

11. (Currently Amended) The apparatus of claim 9, wherein the data compression system is further configured to:

~~retrieve at least some of~~ at least a portion of the at least stored portion of the at least compressed portion of the data block ~~from the storage medium~~ based upon the ~~bandwidth of the transmission line or~~ throughput of the communication channel; and

~~retrieve at least some of~~ at least a portion of a second compressed data block, compressed with ~~[[a]]~~ one or more second compression algorithms from among the plurality of compression algorithms, ~~from the storage medium~~ based upon a second ~~bandwidth of the transmission line or~~ throughput of the communication channel,

wherein ~~at least one of the one or more second compressed data block~~
~~compression algorithms are~~ [[is]] different from at least one of the selected one or more
compression algorithms, and

wherein the second ~~bandwidth of the transmission line or~~ throughput of the
communication channel is different from the ~~bandwidth~~ throughput of the transmission
~~line and~~ of the communication channel.

12. – 13. (Cancelled)

14. (Currently Amended) The apparatus of claim [[8]] 11, wherein the
controller is further configured to ~~select a second~~ retrieve at least a portion of a third
compressed data block that was compressed with one or more third compression
algorithms from among the plurality compression algorithms ~~to apply to the at least~~
~~compressed data block based upon a second bandwidth of the transmission line or~~ based
upon a third throughput of the communication channel, the ~~second bandwidth of the~~
~~transmission line or~~ third throughput of the communication channel differing from the
~~bandwidth of the transmission line or~~ first or the second throughputs of the
communication channel.

15. (Currently Amended) The apparatus of claim 8, wherein the controller is
configured to select the one or more compression algorithms to apply to the at least the
portion of the data block based upon the determined parameter or attribute, the
~~bandwidth of the transmission line or~~ throughput of the communication channel, and a

frequency of access of at least the portion of [[the]] a second compressed or uncompressed data block.

16. (Currently Amended) The apparatus of claim 8, wherein the data compression system is configured to compress the at least the portion of the data block with the selected one or more compression algorithms based upon a user command.

17. (Currently Amended) A method, comprising:
determining a plurality of compression algorithms;
selecting [[a]] one or more compression algorithms from among the determined plurality of compression algorithms based upon a frequency of access of at least a portion of a compressed or uncompressed data block, at least one of the plurality of compression algorithms being asymmetric; and
compressing at least a portion of [[the]] a second data block with the selected one or more compression algorithms.

18. (Currently Amended) The method of claim 17, further comprising:
storing at least a portion of the at least compressed portion of the at least the portion of the second data block.

19. -20. (Cancelled)

21. (Currently Amended) The method of claim 17, further comprising:

selecting ~~[[a]]~~ one or more second compression algorithms from among the determined plurality compression algorithms to apply to at least a portion of the compressed second data block based upon a ~~bandwidth of the transmission line or~~ throughput of a communication channel.

22. (Currently Amended) The method of claim 18, further comprising:

retrieving ~~at least some~~ at least a portion of the at least compressed portion of the at least the portion of the second data block based upon a ~~bandwidth of the transmission line or~~ throughput of a communication channel or a user command.

23. (Currently Amended) The method of claim 17, wherein compressing comprises:

compressing the at least the portion of the second data block with the selected one or more compression algorithms based upon a user command.

24. (Currently Amended) An apparatus, comprising:

a controller configured to:

determine a plurality of compression algorithms, at least one of the plurality of compression algorithms being asymmetric, and

select ~~[[a]]~~ one or more compression algorithms from among the determined plurality of compression algorithms based upon a frequency of access of at least a portion of a compressed or uncompressed data block; and

a data compression system configured to compress at least a portion of ~~[[the]]~~ a second data block with the selected one or more compression algorithms.

25. (Currently Amended) The apparatus of claim 24, further comprising:
a storage medium configured to store at least portion of the compressed portion
of the at least the portion of the second data block.

26. – 27. (Cancelled)

28. (Currently Amended) The apparatus of claim 24, wherein the controller is
further configured to select ~~[[a]]~~ one or more second compression algorithms from
among the determined plurality compression of algorithms to apply to the ~~compressed~~
the at least the portion of the second data block based upon a ~~bandwidth of the~~
~~transmission line or~~ throughput of a communication channel.

29. (Currently Amended) The apparatus of claim 25, wherein the data
compression system is further configured to retrieve ~~at least some of a portion of~~
stored portion of the at least compressed portion of the at least the portion of the second
data block ~~from the storage medium~~ based upon a ~~bandwidth of the transmission line or~~
throughput of a communication channel or a user command.

30. (Currently Amended) The apparatus of claim 23, wherein the data
compression system is configured to compress the at least the portion of the second data
block with the selected one or more compression algorithms based upon a user
command.

31. (New) The method of claim 1, wherein each compression algorithm from among the plurality of compression algorithms is asymmetric.

32. (New) The apparatus of claim 8, wherein each compression algorithm from among the plurality of compression algorithms is asymmetric.

33. (New) The method of claim 17, wherein each compression algorithm from among the plurality of compression algorithms is asymmetric.

34. (New) The apparatus of claim 24, wherein each compression algorithm from among the plurality of compression algorithms is asymmetric.

35. (New) The method of claim 1, further comprising:
determining the throughput of the communication channel by utilization of a portion of a memory device.

36. (New) The method of claim 2, further comprising:
retrieving at least a portion of the at least stored portion of the compressed data block based upon a utilization of one or more central processing units (CPUs).

37. (New) The apparatus of claim 8, wherein the controller is further configured to determine the throughput of the communication channel by utilization of a portion of a memory device.

38. (New) The apparatus of claim 9, wherein the data compression system is further configured to retrieve at least a portion of the at least stored portion of the compressed data block based upon a utilization of one or more central processing units (CPUs).

Remarks

Reconsideration of this Application is respectfully requested.

Upon entry of the foregoing amendment, claims 1-3, 6-11, 14-18, 21-25, and 28-38 are pending in the application, with claims 1, 8, 17, and 24 being the independent claims. Claims 1-3, 6-11, 14-18, 21, 22-25, and 28-30 are sought to be amended. Claims 4, 5, 12, 13, 19, 20, 26, and 27 are sought to be canceled without prejudice to or disclaimer of the subject matter therein. Applicant reserves the right to prosecute similar or broader claims, with respect to the cancelled and/or amended claims, in the future. New claims 31-38 are sought to be added. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Based on the above amendment and the following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn. Throughout the Remarks, Applicant reminds the Examiner that the claims are given their broadest reasonable meaning in view of the specification, and any paraphrasing of the claim features is not to be interpreted as reading any features into, or characterizing of, the claims.

Prioritized Examination

The request for prioritized examination for this Application was granted on January 27, 2014. Applicant has canceled, without prejudice to or disclaimer of the subject matter therein, claims 4, 5, 12, 13, 19, 20, 26, and 27 and added claims 31-38 in this Amendment and Reply. Accordingly, this Application continues to contain four independent claims and thirty total claims. And Applicant is timely filing this

Amendment and Reply without a petition for extension of time. Accordingly, this Application remains eligible for prioritized examination.

Rejections under 35 U.S.C. § 112

Claims 1-16, 20, 21, 27, and 28 stand rejected under 35 U.S.C. § 112, first paragraph, for allegedly failing to comply with the written description requirement. Without acquiescing to the merits of this allegation, Applicant has cancelled dependent claims 4, 5, 12, 13, 20, and 27 without prejudice or disclaimer, thereby rendering moot the objections of the same. Applicant contends that the canceling of this claim does not give rise to any implication regarding whether Applicant agrees with or acquiesces to this objection. In regard to independent claims 1 and 8 and dependent claims 21 and 28, Applicant respectfully traverses the objection and provides the following arguments to support patentability.

Without acquiescing to the merits of this allegation and for the purpose of advancing prosecution of this Application, Applicant has amended independent claim 1 to recite at least the features of “*selecting one or more compression algorithms... based upon the determined parameter or attribute and a throughput of a communication channel*” to accommodate the Examiner’s rejection. Applicant has amended claims 8, 21, and 28, without acquiescing to the merits of this allegation and for the purpose of advancing prosecution of this Application, in a substantially similar manner as independent claim 1 using analogous language to similarly accommodate the Examiner’s rejection.

In regard to at least the features of “*selecting one or more compression algorithms... based upon the determined parameter or attribute and a throughput of a*

communication channel” as recited by independent claim 1 and as analogously recited by claims 8, 21, and 28, Applicant believes the words, structures, figures, diagrams, and formulas as filed in the Specification on December 19, 2013 fully set forth these aforementioned features as recited by claims 1, 8, 21, and 28. As a non-limiting example, Applicant respectfully directs the Examiner to ¶ [0002] of the Specification that provides, with emphasis added:

[0002] The present invention relates generally to data compression and decompression and, in particular, to a system and method for compressing and decompressing data based on an actual or expected throughput (bandwidth) of a system that employs data compression. Additionally the present invention relates to the subsequent storage, retrieval, and management of information in data storage devices utilizing either compression and/or accelerated data storage and retrieval bandwidth.

As another non-limiting example, Applicant respectfully directs the Examiner to ¶ [0056] of the Specification that provides, with emphasis added:

[0056] In a preferred embodiment, the present invention is implemented for providing accelerated data storage and retrieval. In one embodiment, a controller tracks and monitors the throughput (data storage and retrieval) of a data compression system and generates control signals to enable/disable different compression algorithms when, e.g., a bottleneck occurs so as to increase the throughput and eliminate the bottleneck.

As a further non-limiting example, Applicant respectfully directs the Examiner to ¶ [0060] of the Specification that provides, with emphasis added:

[0060] Referring now to Fig. 1, a high-level block diagram illustrates a system for providing bandwidth sensitive data compression/decompression according to an embodiment of the present invention. In particular, Fig. 1 depicts a host system 10 comprising a controller 11 (e.g., a file management system), a compression/decompression (or data compression) system 12, a plurality of compression algorithms 13, a storage medium 14, and a plurality of data profiles 15. The controller tracks and monitors the throughput (e.g., data storage and retrieval) of the data compression system 12 and generates control signals to

enable/disable different compression algorithms 13 when the throughput falls below a predetermined threshold. In one embodiment, the system throughput that is tracked by the controller 11 preferably comprises a number of pending access requests to the memory system.

As a yet further non-limiting example, Applicant respectfully directs the Examiner to ¶ [0064] of the Specification that provides, with emphasis added:

[0064] In a preferred embodiment, the overall throughput (bandwidth) of the host system 10 is one factor considered by the controller 11 in deciding whether to use an asymmetrical or symmetrical compression algorithm for processing data stored to, and retrieved from, the storage medium 14. Another factor that is used to determine the compression algorithm is the type of data to be processed. In a preferred embodiment, the data profiles 15 comprise information regarding predetermined access profiles of different data sets, which enables the controller 11 to select a suitable compression algorithm based on the data type. For instance, the data profiles may comprise a map that associates different data types (based on, e.g., a file extension) with preferred one(s) of the compression algorithms 13...

One skilled in the art can reasonably conclude that the claimed “*throughput of the communication channel*” is to be considered when “*selecting the one or more compression algorithms*” from at least these aforementioned passages in the Specification. These aforementioned features of claims 1, 8, 21, and 28 are not to be construed solely based upon this aforementioned passage in the Specification. Applicant reserves the right to demonstrate that these aforementioned features of claims 1, 8, 21, and 28 can be construed based upon different passages in the Specification in the future.

Accordingly, Applicant believes at least the features of “*selecting one or more compression algorithms... based upon the determined parameter or attribute and a throughput of a communication channel*” as recited by independent claim 1 and as analogously recited by claims 8, 21, and 28 are sufficiently supported by at least ¶¶ [0002], [0056], [0060], and [0064] of, as well as elsewhere in, the Specification to

comply with the written description requirement. Dependent claims 2, 3, 7, 9-11, and 14-16 are likewise sufficiently supported by the Specification to comply with the written description requirement for at least the same reasons as the independent claims from which they depend and further in view of their own respective features. Accordingly, Applicant respectfully requests that the rejection of claims 1-3, 7-11, 14-16, 21, and 28 under 35 U.S.C. § 112, first paragraph, be reconsidered and withdrawn.

Rejections under 35 U.S.C. § 102

Claims 1-3, 6-10, 14-18, 21-25, and 28-30

Claims 1-3, 6-10, 14-18, 21-25, and 28-30 stand rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by United States Patent No. 6,216,157 to Vishwanath et al. (“Vishwanath”). Applicant respectfully traverses the rejection and provides the following arguments to support patentability.

The Office Action indicates that “[c]laims 4, 12, 19, and 26 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.” (Office Action, p. 13). Without acquiescing to the merits of this allegation and for the purpose of advancing prosecution of this Application, Applicant has amended independent claims 1, 8, 17, and 24 to substantially incorporate the “*asymmetric*” feature that was previously recited by dependent claims 4, 12, 19, and 26, respectively, each of which is now cancelled. The amendments to independent claims 1, 8, 17, and 24 presented herewith does not give rise to any implication regarding whether Applicant agrees with or acquiesces to this rejection.

Accordingly, Applicant believes that independent claims 1, 8, 17, and 24 should be in condition for allowance. Applicant believes dependent claims 2, 3, 6, 7, 9, 10, 14-16, 18, 21-23, 25, and 28-30 should likewise be in condition for allowance for at least the same reasons as the independent claims from which they depend and further in view of their own respective features. Accordingly, Applicant respectfully requests that the rejection of claims 1-3, 6-10, 14-18, 21-25, and 28-30 under 35 U.S.C. § 102(e) be reconsidered and withdrawn.

Allowable Subject Matter

Claims 4, 12, 19, and 26

Claims 4, 12, 19, and 26 stand objected to as allegedly “being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.” (Office Action, p. 13). Without acquiescing to the merits of this allegation, Applicant has cancelled dependent claims 4, 12, 19, and 26 without prejudice or disclaimer, thereby rendering moot the objections of the same. Applicant contends that the canceling of these claims does not give rise to any implication regarding whether Applicant agrees with or acquiesces to this objection.

Addition of New Claims

Claims 31-38

New claims 31-38 have been added. From the discussion above, Applicant has traversed the rejections to independent claims 1, 8, 17, and 24. Applicant believes dependent claims 31-38 should likewise be allowable for at least the same reasons as the

independent claims from which they respectively depend and further in view of their own respective features.

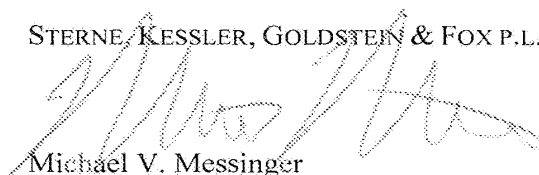
Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

Date: May 27, 2014

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1821419_1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re application of: Realtime Data LLC Appl. No.: 14/134,926 Filed: December 19, 2013 For: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | Confirmation No.: 7069 Art Unit: 2634 Examiner: BOCURE, Tesfaldet Atty. Docket: 2855.0050008 |
|---|---|

First Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Commissioner:

Notice of Prior and Concurrent Proceedings

Applicants hereby call to the attention of the Patent and Trademark Office the following reexamination proceedings involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486) | Inter Partes Reexamination Certificate issued 10/10/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466) | Inter Partes Reexamination Certificate issued 05/15/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453) | Terminated |
| <i>Ex Parte</i> Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428) | Ex Parte Reexamination Certificate issued 02/28/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478) | Inter Partes Reexamination Certificate issued 10/04/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464) | Inter Partes Reexamination Certificate issued 06/12/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479) | Inter Partes Reexamination Certificate issued 05/22/2012 |

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517) | Patent Owner's Request for Rehearing Under 37 C.F.R. § 41.79 mailed 02/14/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533) | Patent Owner's Corrected Request to Reopen Prosecution under 37 C.F.R. § 41.77(b) filed 03/11/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581) | Patent Owner's Corrected Request to Reopen Prosecution under 37 C.F.R. § 41.77(b) filed 03/11/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544) | Patent Owner's Corrected Request to Reopen Prosecution under 37 C.F.R. § 41.77(b) filed 03/11/2014 |

Applicants hereby call to the attention of the Patent and Trademark Office the following reexamination proceedings filed by Celco Partnership d/b/a Verizon Wireless, involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922) | <i>Inter Partes</i> Reexamination Certificate issued 12/05/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923) | Patent Owner's Supplemental Reply to Action Closing Prosecution filed 02/27/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924) | Right of Appeal Notice mailed 08/29/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925) | Patent Owner's Supplemental Reply to Action Closing Prosecution filed 02/27/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927) | <i>Inter Partes</i> Reexamination Certificate issued 08/16/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |

Applicants invite the Examiner to review the Requests for Reexamination, issued Office Actions, replies, and any other papers in the above-identified reexamination proceedings. If the Examiner is unable to obtain copies of papers in any reexamination proceeding, copies can be provided to the Examiner upon request. Those documents which may be material that are not already of record in this patent application are listed on the accompanying Form PTO/SB/08. For example, documents related to the reexaminations are listed as NPL8-NPL16.

Notice of Related Litigation

Applicants notify the Patent and Trademark Office of the following litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|-----------|
| 1 | <i>Realtime Data LLC d/b/a IXO v. Packeteer, Inc. et al.</i> , No. 6:08-cv-00144-LED (E.D. Texas) | Dismissed |

Applicants also notify the Patent and Trademark Office of the following additional litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|---|
| 2 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al.</i> No. 1:11-cv-06698-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00333-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 3 | <i>Realtime Data LLC d/b/a IXO v. Morgan Stanley et al.</i> , No. 1:11-cv-06696-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00326-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 4 | <i>Realtime Data LLC d/b/a IXO v. CME Group Inc., et al.</i> , No. 1:11-cv-06697-RJH (S.D. New York) | Opinion of the Court of Appeals for the |

| | | |
|----|--|-------------------------------------|
| | (transferred from E.D. Texas; No. 6:09-cv-00327-LED) | Federal Circuit received 01/27/2014 |
| 5 | <i>Chicago Board Options Exchange, Inc., v. Realtime Data LLC d/b/a IXO</i> , No. 09-cv-4486 (N.D. Ill.) | Dismissed |
| 6 | <i>Thomson Reuters Corporation v. Realtime Data, LLC d/b/a IXO</i> , No. 1:09-cv-07868-RMB (S.D.N.Y) | Consolidated with Case No. 2 |
| 7 | <i>Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al. (II)</i> , No. 6:10-cv-246 (E.D. Texas) | Consolidated with Case No. 4 |
| 8 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al. (II)</i> , No. 6:10-cv-247 (E.D. Texas) | Consolidated with Case No. 2 |
| 9 | <i>Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al. (II)</i> , No. 6:10-cv-248 (E.D. Texas) | Consolidated with Case No. 3 |
| 10 | <i>Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC et al.</i> , No. 6:10-cv-00493 (E.D. Texas) | Notice of Appeal Filed |

Information Disclosure Statement

Listed on accompanying IDS Forms PTO/SB/08a equivalent and PTO/SB/08b equivalent are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application. The required fee is provided through online credit card payment authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

Copies of documents **NPL1-NPL16** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited as documents **US1-US10** on the attached IDS Forms are submitted.

Additionally, a copy of document **NPL17** is not provided in accordance with the U.S. Patent and Trademark Office Official Gazette notice of October 19, 2004, which states: "the requirement in 37 C.F.R. Â§ 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending U.S. patent application (or portion of the application which caused it to be listed) is sua sponte waived where the cited pending application is stored in the USPTO's IFW system."

Applicants submit herewith Office Actions from the following co-pending, commonly-assigned U.S. Patent Application Nos.:

Atty. Dkt. No. 2855.0050008

Document **NPL1** is a copy of a Non-Final Office Action mailed February 19, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/118,112.

Document **NPL2** is a copy of a Notice of Allowance mailed February 20, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/101,994.

Document **NPL3** is a copy of a Supplemental Notice of Allowance mailed February 25, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 12/857,238.

Document **NPL4** is a copy of a Non-Final Office Action mailed February 25, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/134,933.

Document **NPL5** is a copy of a Non-Final Office Action mailed February 26, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/033,245.

Document **NPL6** is a copy of a Final Office Action mailed April 8, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 09/969,987.

Document **NPL7** is a copy of a Non-Final Office Action mailed May 9, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/403,785.

The identification of these Office Actions is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a

patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

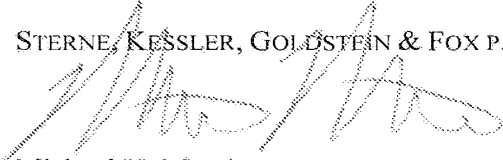
It is expected that the examiner will review the prosecution and cited art in the parent application nos. 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); and 14/033,245, filed September 20, 2013 (now pending), in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Michael V. Messinger
Attorney for Applicants
Registration No. 37,575

Date: _____

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

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Atty. Dkt. No. 2855.0050008

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|---|--|--|--------------------------|-------------------|---|
| Substitute for form 1449/PTO FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | <i>Complete if Known</i> | | |
| | | | Application Number | 14/134,926 | |
| Sheet | | | 1 | of | 1 |
| | | | Examiner Name | BOCURE, Tesfaldet | |
| | | | Attorney Docket Number | 2855.0050008 | |

U.S. PATENT DOCUMENTS

| Examiner initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--|--------------------------------|--|--|
| | | Number-Kind Code ² (if known) | | | | |
| | US1 | 5,812,883 | | 09-22-1998 | Rao | |
| | US2 | 5,881,104 | | 03-09-1999 | Akahane | |
| | US3 | 5,901,278 | | 05-04-1999 | Kurihara et al. | |
| | US4 | 6,216,157 B1 | | 04-10-2001 | Vishwanath et al. | |
| | US5 | 6,257,693 B1 | | 07-10-2001 | Miller et al. | |
| | US6 | 6,938,073 B1 | | 08-30-2005 | Mendhekar et al. | |
| | US7 | 7,050,639 B1 | | 05-23-2006 | Barnes et al. | |
| | US8 | 7,245,636 B1 | | 07-17-2007 | Hans et al. | |
| | US9 | 2002/0078241 A1 | | 06-20-2002 | Vidal et al. | |
| | US10 | 2003/0058873 A1 | | 03-27-2003 | Geiger et al. | |
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FOREIGN PATENT DOCUMENTS

| Examiner initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|--|--|--------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | | |
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| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|---|---|--------------------------|-------------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 14/134,926 |
| | | Filing Date | December 19, 2013 |
| | | First Named Inventor | James J. FALLON |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 1 | of | 2 |
| | | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL1 | Copy of Non-Final Office Action for U.S. Appl. No. 13/118,122, mailed February 19, 2014, 23 pages. | |
| | NPL2 | Copy of Notice of Allowance for U.S. Appl. No. 13/101,994, mailed February 20, 2014, 5 pages. | |
| | NPL3 | Copy of Supplemental Notice of Allowance for U.S. Appl. No. 12/857,238, mailed February 25, 2014, 2 pages. | |
| | NPL4 | Copy of Non-Final Office Action for U.S. Appl. No. 14/134,933, mailed February 25, 2014, 7 pages. | |
| | NPL5 | Copy of Non-Final Office Action for U.S. Appl. No. 14/033,245, mailed February 26, 2014, 11 pages. | |
| | NPL6 | Copy of Final Office Action for U.S. Appl. No. 09/969,987, mailed April 8, 2014, 8 pages. | |
| | NPL7 | Copy of Non-Final Office Action for U.S. Appl. No. 13/403,785, mailed May 9, 2014, 5 pages. | |
| | NPL8 | Declaration of Dr. James W. Modestino under 37 C.F.R. § 1.132 in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, executed November 29, 2013; 51 pages. | |
| | NPL9 | Declaration of Dr. James W. Modestino under 37 C.F.R. § 1.132 in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, executed November 29, 2013; 49 pages. | |
| | NPL10 | Declaration of Dr. James W. Modestino under 37 C.F.R. § 1.132 in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, executed November 29, 2013; 50 pages. | |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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|---|---|--------------------------|-------------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 14/134,926 |
| | | Filing Date | December 19, 2013 |
| | | First Named Inventor | James J. FALLON |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 2 | of | 2 |
| | | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL11 | Patent Owner's Request For Rehearing Under 37 C.F.R. § 41.79, in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed February 14, 2014, 11 pages. | |
| | NPL12 | Patent Owner's Supplemental Reply to Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, filed February 27, 2014, 10 pages. | |
| | NPL13 | Patent Owner's Supplemental Reply to Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, filed February 27, 2014, 9 pages. | |
| | NPL14 | Corrected Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed March 11, 2014, 48 pages. | |
| | NPL15 | Corrected Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed March 11, 2014, 39 pages. | |
| | NPL16 | Corrected Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed March 11, 2014, 67 pages. | |
| | NPL17 | U.S. Patent Application No. 14/251,453, James J. FALLON, "Data Compression Systems and Methods," filed April 11, 2014. | |
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| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| Electronic Patent Application Fee Transmittal | | | | |
|--|--|----------|--------|----------------------|
| Application Number: | 14134926 | | | |
| Filing Date: | 19-Dec-2013 | | | |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | | |
| First Named Inventor/Applicant Name: | James J. FALLON | | | |
| Filer: | Michael V. Messinger | | | |
| Attorney Docket Number: | 2855.0050008 | | | |
| Filed as Large Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Extension-of-Time: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|---|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Submission- Information Disclosure Stmt | 1806 | 1 | 180 | 180 |
| Total in USD (\$) | | | | 180 |

Electronic Acknowledgement Receipt

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|---|--|
| EFS ID: | 19136463 |
| Application Number: | 14134926 |
| International Application Number: | |
| Confirmation Number: | 7069 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Customer Number: | 26111 |
| Filer: | Michael V. Messinger/Lauren Harrison |
| Filer Authorized By: | Michael V. Messinger |
| Attorney Docket Number: | 2855.0050008 |
| Receipt Date: | 27-MAY-2014 |
| Filing Date: | 19-DEC-2013 |
| Time Stamp: | 17:32:36 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

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| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$180 |
| RAM confirmation Number | 5337 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
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|--|-------------------------------|---|--|------------|----|
| 1 | Miscellaneous Incoming Letter | 28550050008amendidscl.pdf | 533340 d75e655707f24e09a8dd6d6caa78f9b6ed168ee | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | | 28550050008amendids.pdf | 14386492 00ee08c6b5f2ec3bb0957a1bd4424d06173857ad | yes | 30 |
| Multipart Description/PDF files in .zip description | | | | | |
| | | Document Description | Start | End | |
| | | Amendment/Req. Reconsideration-After Non-Final Reject | 1 | 1 | |
| | | Specification | 2 | 4 | |
| | | Claims | 5 | 13 | |
| | | Applicant Arguments/Remarks Made in an Amendment | 14 | 20 | |
| | | Transmittal Letter | 21 | 27 | |
| | | Information Disclosure Statement (IDS) Form (SB08) | 28 | 30 | |
| Warnings: | | | | | |
| Information: | | | | | |
| 3 | Non Patent Literature | NPL1_NFOA_13118122_02192014.pdf | 693866 2f4e8f1acb794ec463a1908c43a5cda9a91afe0 | no | 23 |
| Warnings: | | | | | |
| Information: | | | | | |
| 4 | Non Patent Literature | NPL2_NOA_13101994_02202014.pdf | 347089 64fe53b0b8d5167275c8ece9757d4d7f27eba1f5 | no | 5 |
| Warnings: | | | | | |
| Information: | | | | | |
| 5 | Non Patent Literature | NPL3_SNOA_12857238_02252014.pdf | 77034 06cb69d9f199970989c7cf15030cbac4eb90c779 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| 6 | Non Patent Literature | NPL4_NFOA_14134933_02252014.pdf | 221548 e68d5e76762d9fcaa30370dfac4f574d1a9b9f0c | no | 7 |
| Warnings: | | | | | |
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| 7 | Non Patent Literature | NPL5_NFOA_14033245_02262014.pdf | 349347 ce48ade374aa3e06fe0529ca4e64671f891e467 | no | 11 |
| Warnings: | | | | | |
| Information: | | | | | |
| 8 | Non Patent Literature | NPL6_FOA_09969987_04082014.pdf | 303601 a542a86be015dceef890dda3cbe43b1fc46e7ebb | no | 8 |
| Warnings: | | | | | |
| Information: | | | | | |
| 9 | Non Patent Literature | NPL7_NFOA_13403785_05092014.pdf | 182588 ba04e5ae6f2e68014b374ac418fe6af0f0e6f907 | no | 5 |
| Warnings: | | | | | |
| Information: | | | | | |
| 10 | Non Patent Literature | NPL8_Modestino_Declaration_95001533_11292013.pdf | 4223192 50d17a8a2f7cf5f4a105509b86bffc01c9fa | no | 51 |
| Warnings: | | | | | |
| Information: | | | | | |
| 11 | Non Patent Literature | NPL9_Modestino_Declaration_95001544_11292013.pdf | 3943689 ee396a8937181d4a353e42a5905180533bcdc8bb | no | 49 |
| Warnings: | | | | | |
| Information: | | | | | |
| 12 | Non Patent Literature | NPL10_Modestino_Declaration_95001581_11292013.pdf | 4118296 923ae77425f9b6fdac5e956da2e996bfc5bc06be | no | 50 |
| Warnings: | | | | | |
| Information: | | | | | |
| 13 | Non Patent Literature | NPL11_PO_Request_for_Rehearing_95001517_02142014.pdf | 732966 4fad4885ee41bf9d9a705222c94aa39b0c792d9b | no | 11 |
| Warnings: | | | | | |
| Information: | | | | | |
| 14 | Non Patent Literature | NPL12_PO_Suppl_Reply_to_ACP_95001923_02272014.pdf | 504577 08ded6d7e30d71a4fd7c70a61c43906f351f29e2 | no | 10 |
| Warnings: | | | | | |
| Information: | | | | | |
| 15 | Non Patent Literature | NPL13_PO_Suppl_Reply_to_ACP_95001925_02272014.pdf | 537505 220a2c853836c7116737b6dcde05e525ba240c9f | no | 9 |
| Warnings: | | | | | |
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|---|-----------------------|---|---|----|----|
| 16 | Non Patent Literature | NPL14_Corrected_PO_Request_to_Reopen_Prosecution_9500_1533_03112014.pdf | 3524746 aa66b30f60e7e142ff553ce973930fd6cf9df18 | no | 48 |
| Warnings: | | | | | |
| Information: | | | | | |
| 17 | Non Patent Literature | NPL15_Corrected_PO_Request_to_Reopen_Prosecution_9500_1544_03112014.pdf | 2974399 f379fb10e4fa629745fbc0328ba2f96ae5e67535 | no | 39 |
| Warnings: | | | | | |
| Information: | | | | | |
| 18 | Non Patent Literature | NPL16_Corrected_PO_Request_to_Reopen_Prosecution_9500_1581_03112014.pdf | 5231309 8dff8efa9cc9d811cfe4cc0a2239dfb6ee226349 | no | 67 |
| Warnings: | | | | | |
| Information: | | | | | |
| 19 | Fee Worksheet (SB06) | fee-info.pdf | 30239 bc73d33fa2e43b0760bb7e2218c19cedf20575a4 | no | 2 |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | 42915823 | | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | |

MICHAEL V. MESSINGER
DIRECTOR
(202) 772-8667
MIKEM@SKGF.COM



May 27, 2014

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Confirmation No. 7069
Art Unit 2634
Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 14/134,926; Filing Date: December 19, 2013
For: **SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA
DISTRIBUTION**
Inventors: FALLON *et al.*
Our Ref: 2855.0050008

Commissioner:

Transmitted herewith for appropriate action are the following documents:

1. Online Credit Card Payment Authorization in the amount of \$180.00 to cover the Information Disclosure Statement fee;
2. Amendment and Reply Under 37 C.F.R. § 1.111;
3. First Supplemental Information Disclosure Statement;
4. Form PTO/SB/08a (1 sheet) listing 10 documents (US1-US10);
5. Form PTO/SB/08b (1 sheet) listing 17 documents (NPL1-NPL17); and
6. Copies of cited documents (NPL1-NPL16).

The above-listed documents are filed electronically through EFS-Web.

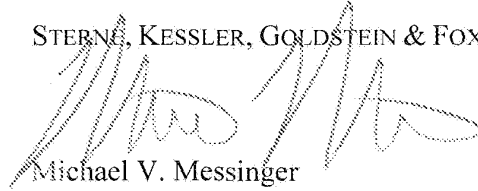
In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
May 27, 2014
Page 2

Fee payment is provided through online credit card payment. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

MVM/MRM/leh
Enclosures

1855236_1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|---|----------------------------------|---------------------------------------|
| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | Application or Docket Number 14/134,926 | Filing Date 12/19/2013 | <input type="checkbox"/> To be Mailed |
|---|---|----------------------------------|---------------------------------------|

ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

| FOR | NUMBER FILED | NUMBER EXTRA | RATE (\$) | FEE (\$) |
|--|---|--------------|-----------|----------|
| <input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | N/A | |
| <input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (l), or (m)) | N/A | N/A | N/A | |
| <input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(e), (p), or (q)) | N/A | N/A | N/A | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | minus 20 = * | | X \$ = | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = * | | X \$ = | |
| <input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | |
| | | | TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED – PART II

| | (Column 1) | (Column 2) | (Column 3) | (Column 4) | RATE (\$) | ADDITIONAL FEE (\$) |
|--|--|----------------------------------|------------------------------------|---------------|-----------------|---------------------|
| AMENDMENT | 05/27/2014 | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
| | Total (37 CFR 1.16(j)) | * 30 | Minus ** 30 | = 0 | X \$80 = | 0 |
| | Independent (37 CFR 1.16(h)) | * 4 | Minus *** 4 | = 0 | X \$420 = | 0 |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | |
| | | | | | TOTAL ADD'L FEE | 0 |

| | (Column 1) | (Column 2) | (Column 3) | (Column 4) | RATE (\$) | ADDITIONAL FEE (\$) |
|--|--|----------------------------------|------------------------------------|---------------|-----------------|---------------------|
| AMENDMENT | | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
| | Total (37 CFR 1.16(j)) | * | Minus ** | = | X \$ = | |
| | Independent (37 CFR 1.16(h)) | * | Minus *** | = | X \$ = | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | |
| | | | | | TOTAL ADD'L FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/DANTE SMITH/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

26111 7590 07/08/2014
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

EXAMINER

BOCURE, TESFALDET

ART UNIT PAPER NUMBER

2634

DATE MAILED: 07/08/2014

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.

TITLE OF INVENTION: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION

Table with 7 columns: APPLN. TYPE, ENTITY STATUS, ISSUE FEE DUE, PUBLICATION FEE DUE, PREV. PAID ISSUE FEE, TOTAL FEE(S) DUE, DATE DUE

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26111 7590 07/08/2014
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
 1100 NEW YORK AVENUE, N.W.
 WASHINGTON, DC 20005

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| |
|--------------------|
| (Depositor's name) |
| (Signature) |
| (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0050008 | 7069 |

TITLE OF INVENTION: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION

| APPLN. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|---------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | UNDISCOUNTED | \$960 | \$0 | \$0 | \$960 | 10/08/2014 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-------------------|----------|----------------|
| BOCURE, TESFALDET | 2634 | 375-240010 |

| | |
|---|---|
| <p>1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).</p> <p><input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.</p> <p><input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.</p> | <p>2. For printing on the patent front page, list</p> <p>(1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____</p> <p>(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____</p> <p>3 _____</p> |
|---|---|

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE _____ (B) RESIDENCE: (CITY and STATE OR COUNTRY) _____

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

| | |
|---|---|
| <p>4a. The following fee(s) are submitted:</p> <p><input type="checkbox"/> Issue Fee</p> <p><input type="checkbox"/> Publication Fee (No small entity discount permitted)</p> <p><input type="checkbox"/> Advance Order - # of Copies _____</p> | <p>4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)</p> <p><input type="checkbox"/> A check is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).</p> |
|---|---|

5. **Change in Entity Status** (from status indicated above)

Applicant certifying micro entity status. See 37 CFR 1.29

Applicant asserting small entity status. See 37 CFR 1.27

Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., FILING DATE, FIRST NAMED INVENTOR, ATTORNEY DOCKET NO., CONFIRMATION NO.
14/134,926 12/19/2013 James J. FALLON 2855.0050008 7069

26111 7590 07/08/2014
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

EXAMINER

BOCURE, TESFALDET

ART UNIT PAPER NUMBER

2634

DATE MAILED: 07/08/2014

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

| | | | |
|-------------------------------|--------------------------------------|--------------------------------------|--|
| Notice of Allowability | Application No. 14/134,926 | Applicant(s) FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | AIA (First Inventor to File) Status No |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 5/27/2014.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-3, 6-11, 14-18, 21-25 and 28-38, renumbered as 1-30. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some *c) None of the:
1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in **ABANDONMENT** of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. **CORRECTED DRAWINGS** (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. **DEPOSIT OF and/or INFORMATION** about the deposit of **BIOLOGICAL MATERIAL** must be submitted. Note the attached Examiner's comment regarding **REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL**.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>5/27/2014</u> | 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. | |

/TESFALDET BOCURE/
Primary Examiner, Art Unit 2634

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This office action (Notice of Allowance) is in response to the amendment and remarks filed on 5/27/2014. The statuses of the claims are: claims 4-5, 12-13, 19-20 and 26-27 have been cancelled; and the pending claims 1-3, 6-11, 14-18, 21-25 and 28-38 are now allowed.

Information Disclosure Statement

3. The information disclosure statements (IDSs) submitted on 5/27/2014 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Michaelo Malek (Reg. 65,211) on 6/30/2014.

The application has been amended as follows:

In the claim:

In claim 28, line 3, after "to" ---the---has been deleted.

In claim 30, line 1, "claim 23" has been amended to read as---claim 24---.

Remarks:

5. The above Examiner's Amendment to the claims was made for the following reasons:

- a. The amendment to claim 28 was to delete the second word "the" recited in the claim.
- b. The amendment to claim 30 was made to change the dependency of claim 30 to depend on an apparatus claim 24, where "an apparatus" has been claimed in the independent claim 24 instead of further limiting a method claim 23. Since claim 30 is further limiting an apparatus claim and claim 23 in which claim 30 is depending is a method claim, the amendment is necessary in order for claim 30 to further limit an apparatus claim of claim 24 instead of the method claim 23.

Reasons for Allowance

6. The following is an examiner's statement of reasons for allowance: the claimed subject matter in claims is allowable because the arts of record fail to teach or fairly suggest the claimed:

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

c. US patent numbers 7,548,657 issued to Deaven and US patent publication numbers 2007/0096954 and 2010/0011012 published to Boldt et al. and Rawson respectively disclose selection of compression/decompression algorithm according to the data parameter or attributes.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TESFALDET BOCURE whose telephone number is (571)272-3015. The examiner can normally be reached on Mon-Th, 8:30-6:00 and 8:30-5:00 2nd Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DANIEL C. WASHBURN can be reached on (571)272-5551. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2634

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TESFALDET BOCURE/
Primary Examiner, Art Unit 2634
/T. B./
Primary Examiner, Art Unit 2634

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|-----------------------------------|---------------------------------------|---|-------------|
| Notice of References Cited | Application/Control No. 14/134,926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | Page 1 of 1 |

U.S. PATENT DOCUMENTS

| * | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|--|-----------------|-------------------|----------------|
| * | A US-7,548,657 | 06-2009 | Deaven, David M | 382/243 |
| * | B US-2007/0096954 | 05-2007 | Boldt et al. | 341/050 |
| * | C US-2010/0011012 | 01-2010 | Rawson, Andrew R. | 707/101 |
| | D US- | | | |
| | E US- | | | |
| | F US- | | | |
| | G US- | | | |
| | H US- | | | |
| | I US- | | | |
| | J US- | | | |
| | K US- | | | |
| | L US- | | | |
| | M US- | | | |

FOREIGN PATENT DOCUMENTS

| * | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
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NON-PATENT DOCUMENTS

| * | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
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| | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) | | | | |
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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|--|--|--|--|--------------------------|-------------------|
| Substitute for form 1449/PTO FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 14/134,926 |
| Sheet 1 of 1 | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | James J. FALLON |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |

U.S. PATENT DOCUMENTS

| Examiner initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--|-----------------------------|---|---|
| | | Number-Kind Code ² (if known) | | | | |
| | US1 | 5,812,883 | | 09-22-1998 | Rao | |
| | US2 | 5,881,104 | | 03-09-1999 | Akahane | |
| | US3 | 5,901,278 | | 05-04-1999 | Kurihara et al. | |
| | US4 | 6,216,157 B1 | | 04-10-2001 | Vishwanath et al. | |
| | US5 | 6,257,693 B1 | | 07-10-2001 | Miller et al. | |
| | US6 | 6,938,073 B1 | | 08-30-2005 | Mendhekar et al. | |
| | US7 | 7,050,639 B1 | | 05-23-2006 | Barnes et al. | |
| | US8 | 7,245,636 B1 | | 07-17-2007 | Hans et al. | |
| | US9 | 2002/0078241 A1 | | 06-20-2002 | Vidal et al. | |
| | US10 | 2003/0058873 A1 | | 03-27-2003 | Geiger et al. | |
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FOREIGN PATENT DOCUMENTS

| Examiner initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | | |
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| Examiner Signature | /Tefaldet BOCURE/ | Date Considered | 06/28/2014 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

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|---|---|--------------------------|-------------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 14/134,926 |
| | | Filing Date | December 19, 2013 |
| | | First Named Inventor | James J. FALLON |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 1 | of | 2 |
| | | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL1 | Copy of Non-Final Office Action for U.S. Appl. No. 13/118,122, mailed February 19, 2014, 23 pages. | |
| | NPL2 | Copy of Notice of Allowance for U.S. Appl. No. 13/101,994, mailed February 20, 2014, 5 pages. | |
| | NPL3 | Copy of Supplemental Notice of Allowance for U.S. Appl. No. 12/857,238, mailed February 25, 2014, 2 pages. | |
| | NPL4 | Copy of Non-Final Office Action for U.S. Appl. No. 14/134,933, mailed February 25, 2014, 7 pages. | |
| | NPL5 | Copy of Non-Final Office Action for U.S. Appl. No. 14/033,245, mailed February 26, 2014, 11 pages. | |
| | NPL6 | Copy of Final Office Action for U.S. Appl. No. 09/969,987, mailed April 8, 2014, 8 pages. | |
| | NPL7 | Copy of Non-Final Office Action for U.S. Appl. No. 13/403,785, mailed May 9, 2014, 5 pages. | |
| | NPL8 | Declaration of Dr. James W. Modestino under 37 C.F.R. § 1.132 in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, executed November 29, 2013; 51 pages. | |
| | NPL9 | Declaration of Dr. James W. Modestino under 37 C.F.R. § 1.132 in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, executed November 29, 2013; 49 pages. | |
| | NPL10 | Declaration of Dr. James W. Modestino under 37 C.F.R. § 1.132 in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, executed November 29, 2013; 50 pages. | |

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| Examiner Signature | /Tefaldet Bocure/ | Date Considered | 06/28/2014 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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| Substitute for form 1449/PTO | | Complete if Known | |
| FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 14/134,926 |
| | | Filing Date | December 19, 2013 |
| | | First Named Inventor | James J. FALLON |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| | | Attorney Docket Number | 2855.0050008 |
| Sheet | 2 | of | 2 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL11 | Patent Owner's Request For Rehearing Under 37 C.F.R. § 41.79, in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, filed February 14, 2014, 11 pages. | |
| | NPL12 | Patent Owner's Supplemental Reply to Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, filed February 27, 2014, 10 pages. | |
| | NPL13 | Patent Owner's Supplemental Reply to Action Closing Prosecution in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, filed February 27, 2014, 9 pages. | |
| | NPL14 | Corrected Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed March 11, 2014, 48 pages. | |
| | NPL15 | Corrected Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed March 11, 2014, 39 pages. | |
| | NPL16 | Corrected Request to Reopen Prosecution Before the Examiner under 37 C.F.R. § 41.77(b) in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed March 11, 2014, 67 pages. | |
| | NPL17 | U.S. Patent Application No. 14/251,453, James J. FALLON, "Data Compression Systems and Methods," filed April 11, 2014. | |
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| Examiner Signature | /Tsfaldet Bocure/ | Date Considered | 06/28/2014 |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re application of: Realtime Data LLC Appl. No.: 14/134,926 Filed: December 19, 2013 For: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | Confirmation No.: 7069 Art Unit: 2634 Examiner: BOCURE, Tesfaldet Atty. Docket: 2855.0050008 |
|---|---|

First Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Commissioner:

Notice of Prior and Concurrent Proceedings

Applicants hereby call to the attention of the Patent and Trademark Office the following reexamination proceedings involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486) | Inter Partes Reexamination Certificate issued 10/10/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466) | Inter Partes Reexamination Certificate issued 05/15/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453) | Terminated |
| <i>Ex Parte</i> Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428) | Ex Parte Reexamination Certificate issued 02/28/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478) | Inter Partes Reexamination Certificate issued 10/04/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464) | Inter Partes Reexamination Certificate issued 06/12/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479) | Inter Partes Reexamination Certificate issued 05/22/2012 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

/Tesfaldet Bocure/

06/28/2014

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517) | Patent Owner's Request for Rehearing Under 37 C.F.R. § 41.79 mailed 02/14/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533) | Patent Owner's Corrected Request to Reopen Prosecution under 37 C.F.R. § 41.77(b) filed 03/11/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581) | Patent Owner's Corrected Request to Reopen Prosecution under 37 C.F.R. § 41.77(b) filed 03/11/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544) | Patent Owner's Corrected Request to Reopen Prosecution under 37 C.F.R. § 41.77(b) filed 03/11/2014 |

Applicants hereby call to the attention of the Patent and Trademark Office the following reexamination proceedings filed by Celco Partnership d/b/a Verizon Wireless, involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922) | Inter Partes Reexamination Certificate issued 12/05/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923) | Patent Owner's Supplemental Reply to Action Closing Prosecution filed 02/27/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924) | Right of Appeal Notice mailed 08/29/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925) | Patent Owner's Supplemental Reply to Action Closing Prosecution filed 02/27/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926) | Inter Partes Reexamination Certificate issued 01/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927) | Inter Partes Reexamination Certificate issued 08/16/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928) | Inter Partes Reexamination Certificate issued 01/08/2014 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Atty. Dkt. No. 2855.0050008

/Tsfaldet Bocure/

06/28/2014

Applicants invite the Examiner to review the Requests for Reexamination, issued Office Actions, replies, and any other papers in the above-identified reexamination proceedings. If the Examiner is unable to obtain copies of papers in any reexamination proceeding, copies can be provided to the Examiner upon request. Those documents which may be material that are not already of record in this patent application are listed on the accompanying Form PTO/SB/08. For example, documents related to the reexaminations are listed as NPL8-NPL16.

Notice of Related Litigation

Applicants notify the Patent and Trademark Office of the following litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|-----------|
| 1 | <i>Realtime Data LLC d/b/a IXO v. Packeteer, Inc. et al.</i> , No. 6:08-cv-00144-LED (E.D. Texas) | Dismissed |

Applicants also notify the Patent and Trademark Office of the following additional litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|---|
| 2 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al.</i> No. 1:11-cv-06698-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00333-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 3 | <i>Realtime Data LLC d/b/a IXO v. Morgan Stanley et al.</i> , No. 1:11-cv-06696-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00326-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 4 | <i>Realtime Data LLC d/b/a IXO v. CME Group Inc., et al.</i> , No. 1:11-cv-06697-RJH (S.D. New York) | Opinion of the Court of Appeals for the |

Atty. Dkt. No. 2855.0050008
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

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|----|--|-------------------------------------|
| | (transferred from E.D. Texas; No. 6:09-cv-00327-LED) | Federal Circuit received 01/27/2014 |
| 5 | <i>Chicago Board Options Exchange, Inc., v. Realtime Data LLC d/b/a IXO</i> , No. 09-cv-4486 (N.D. Ill.) | Dismissed |
| 6 | <i>Thomson Reuters Corporation v. Realtime Data, LLC d/b/a IXO</i> , No. 1:09-cv-07868-RMB (S.D.N.Y) | Consolidated with Case No. 2 |
| 7 | <i>Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al. (II)</i> , No. 6:10-cv-246 (E.D. Texas) | Consolidated with Case No. 4 |
| 8 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al. (II)</i> , No. 6:10-cv-247 (E.D. Texas) | Consolidated with Case No. 2 |
| 9 | <i>Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al. (II)</i> , No. 6:10-cv-248 (E.D. Texas) | Consolidated with Case No. 3 |
| 10 | <i>Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC et al.</i> , No. 6:10-cv-00493 (E.D. Texas) | Notice of Appeal Filed |

Information Disclosure Statement

Listed on accompanying IDS Forms PTO/SB/08a equivalent and PTO/SB/08b equivalent are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Atty. Dkt. No. 2855.0050008
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application. The required fee is provided through online credit card payment authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

Copies of documents **NPL1-NPL16** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited as documents **US1-US10** on the attached IDS Forms are submitted.

Additionally, a copy of document **NPL17** is not provided in accordance with the U.S. Patent and Trademark Office Official Gazette notice of October 19, 2004, which states: "the requirement in 37 C.F.R. Â§ 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending U.S. patent application (or portion of the application which caused it to be listed) is sua sponte waived where the cited pending application is stored in the USPTO's IFW system."

Applicants submit herewith Office Actions from the following co-pending, commonly-assigned U.S. Patent Application Nos.:

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Atty. Dkt. No. 2855.0050008

/Tesfaldet Bocure/

06/28/2014

Document **NPL1** is a copy of a Non-Final Office Action mailed February 19, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/118,112.

Document **NPL2** is a copy of a Notice of Allowance mailed February 20, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/101,994.

Document **NPL3** is a copy of a Supplemental Notice of Allowance mailed February 25, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 12/857,238.

Document **NPL4** is a copy of a Non-Final Office Action mailed February 25, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/134,933.

Document **NPL5** is a copy of a Non-Final Office Action mailed February 26, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/033,245.

Document **NPL6** is a copy of a Final Office Action mailed April 8, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 09/969,987.

Document **NPL7** is a copy of a Non-Final Office Action mailed May 9, 2014, in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/403,785.

The identification of these Office Actions is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a

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Atty. Dkt. No. 2855.0050008

/Tsfaldet Bocure/

06/28/2014

patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

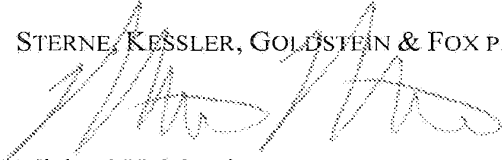
It is expected that the examiner will review the prosecution and cited art in the parent application nos. 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); and 14/033,245, filed September 20, 2013 (now pending), in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Michael V. Messinger
Attorney for Applicants
Registration No. 37,575


Date: _____

May 27, 2014

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

1826566_1

Atty. Dkt. No. 2855.0050008

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| Search Notes  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

| CPC- SEARCHED | | |
|--|-------------------|----------|
| Symbol | Date | Examiner |
| ((H03M7/30 H03M7/ H03M7/3059 G06F17/30153 G06F2212/401 G06F12/0246 G06F17/30501 G06F3/0679 G06F3/0688 H04L69/04 Y10S707/99931 Y10S707/99942 H04W28/06 H04N1/00236 H04N2201/3283 G11C29/40 Y02B60/1225).C | 2/2 4/2 014 | TB |
| ((H04N9/8066 H04N19/00193 H04N19/00078 H04N2201/33357 H04N5/9261 H04L69/04 H04L47/38 H03M7/30 H03M7/3084 H03M7/40 H03M7/425 H03M7/46 G11B20/10527 H04W28/06 Y02B60/1225 Y10S707/99931 G | 6/2 8/2 014 | TB |

| CPC COMBINATION SETS - SEARCHED | | |
|---------------------------------|------|----------|
| Symbol | Date | Examiner |
| | | |

| US CLASSIFICATION SEARCHED | | | |
|-----------------------------------|--|-----------|----------|
| Class | Subclass | Date | Examiner |
| USPC Search in CPC | (707/E17.001 375/240 375/E7.094 370/477 711/E12.008 711/154 709/247 708/203).CCLS. | 2/24/2014 | TB |
| IPC Search in CPC | | 2/24/2014 | TB |
| 375, 348, 370, 341, 709, 711, 382 | Search ALL (\$.8.ccls.) | 2/24/2014 | TB |
| 375, 348, 370, 341, 709, 711, 382 | Search Updated ALL | 6/28/2014 | TB |

| SEARCH NOTES | | |
|-----------------------------------|-----------|----------|
| Search Notes | Date | Examiner |
| WEST and Inventor's Name Searched | 2/24/2014 | TB |
| WEST and Inventor's Name Searched | 6/28/2014 | TB |

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| | /TESFALDET BOCURE/ Primary Examiner.Art Unit 2634 |
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SEARCH NOTES

| Search Notes | Date | Examiner |
|--|-----------|----------|
| CPC Search Result for USPC and IPC: (375/E7.088 375/240 375/240.01 375/E7.027 375/E7.245 375/240.25 375/242 386/355 341/50 382/232 382/166 382/246).CCLS. or (H04N7/26 H04N7/32 H04N9/804 H04N5/926 H03M7/30 H03M7/42 H04J3/18).IPCR.) | 6/28/2014 | TB |

INTERFERENCE SEARCH

| US Class/ CPC Symbol | US Subclass / CPC Group | Date | Examiner |
|-------------------------|-------------------------|-----------|----------|
| 375 | 240.01, 240.02 | 6/28/2014 | TB |


/TESFALDET BOCURE/
Primary Examiner.Art Unit 2634

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| Issue Classification  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | |

| CPC | | | | | | |
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| Symbol | | | | | Type | Version |
| H03M | | 7 | | 30 | I | 2013-01-01 |
| H03M | | 7 | | 3084 | I | 2013-01-01 |
| H03M | | 7 | | 6094 | F | 2013-01-01 |
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| CPC Combination Sets | | | | | | |
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| Symbol | | | Type | Set | Ranking | Version |
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| NONE | | Total Claims Allowed: | |
| | | 30 | |
| (Assistant Examiner) | (Date) | O.G. Print Claim(s) | O.G. Print Figure |
| /TESFALDET BOCURE/ Primary Examiner. Art Unit 2634 | 06/28/2014 | 9 | 1 |
| (Primary Examiner) | (Date) | | |

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| Issue Classification  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |


| US ORIGINAL CLASSIFICATION | | | | | | INTERNATIONAL CLASSIFICATION | | | | | | | | | | | |
|----------------------------|-----------------------------------|----------|--|--|--|------------------------------|---|---|---|---------------------|--|--|--|--|--|--|--|
| CLASS | | SUBCLASS | | | | CLAIMED | | | | NON-CLAIMED | | | | | | | |
| 375 | | 240.01 | | | | H | 0 | 4 | N | 7 / 12 (2006.01.01) | | | | | | | |
| CROSS REFERENCE(S) | | | | | | | | | | | | | | | | | |
| CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | | | | | | | | | | | |
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| NONE | | Total Claims Allowed: | |
| (Assistant Examiner) | (Date) | 30 | |
| /TESFALDET BOCURE/ Primary Examiner. Art Unit 2634 | 06/28/2014 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 9 | 1 |

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| Issue Classification  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | | | | | | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
|---|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------------------------------------|--|--------------------------------------|--|--|--|
| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | | | | | | |
| 1 | 1 | 19 | 17 | 24 | 33 | | | | | | | | | | | | | | | | |
| 2 | 2 | 20 | 18 | 30 | 34 | | | | | | | | | | | | | | | | |
| 3 | 3 | - | 19 | 7 | 35 | | | | | | | | | | | | | | | | |
| - | 4 | - | 20 | 8 | 36 | | | | | | | | | | | | | | | | |
| - | 5 | 22 | 21 | 17 | 37 | | | | | | | | | | | | | | | | |
| 4 | 6 | 21 | 22 | 18 | 38 | | | | | | | | | | | | | | | | |
| 5 | 7 | 23 | 23 | | | | | | | | | | | | | | | | | | |
| 9 | 8 | 25 | 24 | | | | | | | | | | | | | | | | | | |
| 10 | 9 | 26 | 25 | | | | | | | | | | | | | | | | | | |
| 11 | 10 | - | 26 | | | | | | | | | | | | | | | | | | |
| 12 | 11 | - | 27 | | | | | | | | | | | | | | | | | | |
| - | 12 | 28 | 28 | | | | | | | | | | | | | | | | | | |
| - | 13 | 27 | 29 | | | | | | | | | | | | | | | | | | |
| 13 | 14 | 29 | 30 | | | | | | | | | | | | | | | | | | |
| 14 | 15 | 6 | 31 | | | | | | | | | | | | | | | | | | |
| 15 | 16 | 16 | 32 | | | | | | | | | | | | | | | | | | |

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|---|------------|------------------------------|-------------------|
| NONE | | Total Claims Allowed: | |
| | | 30 | |
| (Assistant Examiner) | (Date) | O.G. Print Claim(s) | O.G. Print Figure |
| /TESFALDET BOCURE/ Primary Examiner. Art Unit 2634 | 06/28/2014 | 9 | 1 |
| (Primary Examiner) | (Date) | | |

| | | |
|---|--|---|
| Index of Claims  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

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|---|-----------------|
| ✓ | Rejected |
| = | Allowed |


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|---|-------------------|
| - | Cancelled |
| ÷ | Restricted |

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|---|---------------------|
| N | Non-Elected |
| I | Interference |

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| A | Appeal |
| O | Objected |

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

| CLAIM | | DATE | | | | | | | |
|-------|----------|------------|------------|--|--|--|--|--|--|
| Final | Original | 02/24/2014 | 06/28/2014 | | | | | | |
| 1 | 1 | ✓ | = | | | | | | |
| 2 | 2 | ✓ | = | | | | | | |
| 3 | 3 | ✓ | = | | | | | | |
| - | 4 | O | - | | | | | | |
| - | 5 | ✓ | - | | | | | | |
| 4 | 6 | ✓ | = | | | | | | |
| 5 | 7 | ✓ | = | | | | | | |
| 9 | 8 | ✓ | = | | | | | | |
| 10 | 9 | ✓ | = | | | | | | |
| 11 | 10 | ✓ | = | | | | | | |
| 12 | 11 | ✓ | = | | | | | | |
| - | 12 | O | - | | | | | | |
| - | 13 | ✓ | - | | | | | | |
| 13 | 14 | ✓ | = | | | | | | |
| 14 | 15 | ✓ | = | | | | | | |
| 15 | 16 | ✓ | = | | | | | | |
| 19 | 17 | ✓ | = | | | | | | |
| 20 | 18 | ✓ | = | | | | | | |
| - | 19 | O | - | | | | | | |
| - | 20 | ✓ | - | | | | | | |
| 22 | 21 | ✓ | = | | | | | | |
| 21 | 22 | ✓ | = | | | | | | |
| 23 | 23 | ✓ | = | | | | | | |
| 25 | 24 | ✓ | = | | | | | | |
| 26 | 25 | ✓ | = | | | | | | |
| - | 26 | O | - | | | | | | |
| - | 27 | ✓ | - | | | | | | |
| 28 | 28 | ✓ | = | | | | | | |
| 27 | 29 | ✓ | = | | | | | | |
| 29 | 30 | ✓ | = | | | | | | |
| 6 | 31 | | = | | | | | | |
| 16 | 32 | | = | | | | | | |
| 24 | 33 | | = | | | | | | |
| 30 | 34 | | = | | | | | | |
| 7 | 35 | | = | | | | | | |
| 8 | 36 | | = | | | | | | |

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|--|--|---|
| <i>Index of Claims</i>  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

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|---|-----------------|
| ✓ | Rejected |
| = | Allowed |

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| - | Cancelled |
| ÷ | Restricted |

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|---|---------------------|
| N | Non-Elected |
| I | Interference |

| | |
|---|-----------------|
| A | Appeal |
| O | Objected |

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

| CLAIM | | DATE | | | | | | | |
|-------|----------|------------|------------|--|--|--|--|--|--|
| Final | Original | 02/24/2014 | 06/28/2014 | | | | | | |
| 17 | 37 | | = | | | | | | |
| 18 | 38 | | = | | | | | | |

WEST Search History for Application 14134926

Creation Date: 2014062819:17

Prior Art Searches

| Query | DB | Op. | Plur. | Thes. | Date |
|---|--|-----|-------|-------|------------|
| (fallon.inv. or mcerlain.inv.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| @ad<=20010213 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and ((fallon.inv. or mcerlain.inv.)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) | PGPB, USPT, USOC, | OR | YES | | 06-28-2014 |

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| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) same (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and ((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) same (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and ((Lempel adj zif) or asymmetric) and ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
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| ((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Lempel adj zif) same (table near2 base\$) and(data near3 (parameter or parameters or attribute or attributes or profile\$)) same(throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
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| 375/\$8.ccls. or 370/\$8.ccls. or 348/\$8.ccls. or 341/\$8.ccls. or 711/\$8.ccls. or 701/\$8.ccls. or 381/\$8.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (375/\$8.ccls. or 370/\$8.ccls. or 348/\$8.ccls. or 341/\$8.ccls. or 711/\$8.ccls. or 701/\$8.ccls. or 381/\$8.ccls.) and (((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and (fallon.inv. or mcerlain.inv.)) or ((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |

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| <p>@ad<=20010213) or (((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write) or throughput\$) and @ad<=20010213) or (((Lempel adj zip) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and @ad<=20010213))</p> | | | | | |
|--|--|--|--|--|--|

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450**
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 7 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Use Block 1 for any change of address)

20121 75-00 07/08/2014
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
 1100 NEW YORK AVENUE, N.W.
 WASHINGTON, DC 20005

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| |
|------------------|
| Applicant's name |
| Signature |
| Date |

| APPLICATION NO | FILING DATE | EXAMINER | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------|-------------|-----------------|---------------------|------------------|
| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0650008 | 7069 |

TITLE OF INVENTION: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION

| APPL. TYPE | ENTITY STATUS | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE DUE | DATE DUE |
|----------------|---------------|---------------|---------------------|----------------------|---------------|------------|
| nonprovisional | UNDISCOUNTED | \$960 | \$0 | \$0 | \$960 | 10/08/2014 |

| EXAMINER | ART. NO. | CLASS. SUBCLASS |
|-------------------|----------|-----------------|
| BOCURE, TESHALDET | 2634 | 375-240010 |

| | | |
|--|--|---|
| 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.33(a)) <input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. <input type="checkbox"/> "Fee Address" indication for "Fee Address" Indication form PTO/SB/17, Rev. 03-02 or more recent) attached. Use of a Customer Number is required. | 2. For printing on the patent front page, list: (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. | 1 Sterne, Kessler, Goldstein & Fox P.L.L.C. 2 3 |
|--|--|---|

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
 PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: **Realtime Data LLC** (B) RESIDENCE: (CITY and STATE OR COUNTRY) **Armonk, New York**

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private corp. entity Government

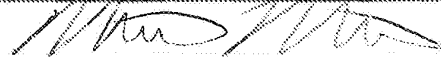
4a. The following fee(s) are submitted:
 Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)
 A check is enclosed.
 Payment by credit card, Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number **19-0036** (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
 Applicant certifying micro entity status. See 37 CFR 1.29
 Applicant asserting small entity status. See 37 CFR 1.27
 Applicant changing to regular undiscouted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
 NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
 NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature:  Date: **July 16, 2014**
 Typed or printed name: **Michael V. Messinger** Registration No.: **37,575**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re application of: Realtime Data LLC Appl. No.: 14/134,926 Filed: December 19, 2013 For: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | Confirmation No.: 7069 Art Unit: 2634 Examiner: BOCURE, Tesfaldet Atty. Docket: 2855.0050008 |
|---|---|

Second Supplemental Information Disclosure Statement

Mail Stop Issue Fee

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Commissioner:

Notice of Prior and Concurrent Proceedings

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486) | Inter Partes Reexamination Certificate issued 10/10/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466) | Inter Partes Reexamination Certificate issued 05/15/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453) | Terminated |
| <i>Ex Parte</i> Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428) | Ex Parte Reexamination Certificate issued 02/28/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478) | Inter Partes Reexamination Certificate issued 10/04/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464) | Inter Partes Reexamination Certificate issued 06/12/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479) | Inter Partes Reexamination Certificate issued 05/22/2012 |

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517) | Patent Owner's Request for Rehearing Under 37 C.F.R. § 41.79 mailed 02/14/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings filed by Cellco Partnership d/b/a Verizon Wireless, involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|---|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922) | <i>Inter Partes</i> Reexamination Certificate issued 12/05/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923) | Notice of Appeal filed 07/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924) | Notice of Intent to Issue a Reexamination Certificate mailed 06/27/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925) | Right of Appeal Notice mailed 06/10/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927) | <i>Inter Partes</i> Reexamination Certificate issued 08/16/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |

Applicant invites the Examiner to review the Requests for Reexamination, issued Office Actions, replies, and any other papers in the above-identified reexamination proceedings. If the Examiner is unable to obtain copies of papers in any reexamination proceeding, copies can be provided to the Examiner upon request. Those documents which may be material that are not already of record in this patent application are listed on the accompanying Form PTO/SB/08. For example, documents related to the reexaminations are listed as **NPL4-NPL6**.

Notice of Related Litigation

Applicant notifies the Patent and Trademark Office of the following litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|-----------|
| 1 | <i>Realtime Data LLC d/b/a IXO v. Packeteer, Inc. et al.</i> , No. 6:08-cv-00144-LED (E.D. Texas) | Dismissed |

Applicant also notifies the Patent and Trademark Office of the following additional litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|---|
| 2 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al.</i> No. 1:11-cv-06698-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00333-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 3 | <i>Realtime Data LLC d/b/a IXO v. Morgan Stanley et al.</i> , No. 1:11-cv-06696-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00326-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 4 | <i>Realtime Data LLC d/b/a IXO v. CME Group Inc., et al.</i> , No. 1:11-cv-06697-RJH (S.D. New York) | Opinion of the Court of Appeals for the |

| | | |
|----|--|-------------------------------------|
| | (transferred from E.D. Texas; No. 6:09-cv-00327-LED) | Federal Circuit received 01/27/2014 |
| 5 | <i>Chicago Board Options Exchange, Inc., v. Realtime Data LLC d/b/a IXO</i> , No. 09-cv-4486 (N.D. Ill.) | Dismissed |
| 6 | <i>Thomson Reuters Corporation v. Realtime Data, LLC d/b/a IXO</i> , No. 1:09-cv-07868-RMB (S.D.N.Y) | Consolidated with Case No. 2 |
| 7 | <i>Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al. (II)</i> , No. 6:10-cv-246 (E.D. Texas) | Consolidated with Case No. 4 |
| 8 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al. (II)</i> , No. 6:10-cv-247 (E.D. Texas) | Consolidated with Case No. 2 |
| 9 | <i>Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al. (II)</i> , No. 6:10-cv-248 (E.D. Texas) | Consolidated with Case No. 3 |
| 10 | <i>Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC et al.</i> , No. 6:10-cv-00493 (E.D. Texas) | Notice of Appeal Filed |

Information Disclosure Statement

Listed on accompanying IDS Form PTO/SB/08b equivalent are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicant has listed publication dates on the attached IDS Form based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

Atty. Dkt. No. 2855.0050008

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(d). This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but on or before payment of the Issue Fee. The required fee is provided through online credit card payment authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

Copies of documents **NPL1-NPL6** are submitted.

Applicants submit herewith Office Actions from the following co-pending U.S. Patent Application Nos.:

Document **NPL1** is a copy of a Final Office Action mailed June 18, 2014 in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/118,122.

Document **NPL2** is a copy of a Notice of Allowance mailed June 25, 2014 in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/251,453.

Document **NPL3** is a copy of a Final Office Action mailed June 27, 2014 in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/134,933.

The identification of these Office Actions is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

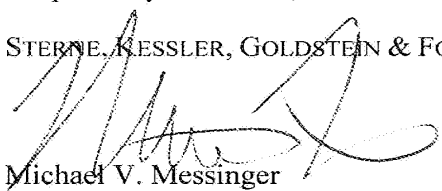
It is expected that the examiner will review the prosecution and cited art in the parent application nos. 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); and 14/033,245, filed September 20, 2013 (now pending), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Form, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

Date: July 16, 2014

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

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|--|---|--------------------------|-------------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 14/134,926 |
| | | Filing Date | December 19, 2013 |
| | | First Named Inventor | James J. FALLON |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| | | Attorney Docket Number | 2855.0050008 |
| Sheet | 1 | of | 1 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL1 | Copy of Final Office Action for U.S. Application No. 13/118,122, mailed June 18, 2014, 14 pages. | |
| | NPL2 | Copy of Notice of Allowance for U.S. Appl. No. 14/251,453, mailed June 25, 2014; 8 pages. | |
| | NPL3 | Copy of Final Office Action for U.S. Appl. No. 14/134,933, mailed June 27, 2014; 9 pages. | |
| | NPL4 | Right of Appeal Notice Under 37 C.F.R. § 1.953 in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, mailed June 9, 2014, 14 pages. | |
| | NPL5 | Right of Appeal Notice Under 37 C.F.R. § 1.953 in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925 mailed June 10, 2014, 10 pages. | |
| | NPL6 | Notice of Intent to Issue a Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed June 27, 2014, 7 pages. | |
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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Electronic Patent Application Fee Transmittal

| | | | | |
|--|--|-----------------|---------------|-----------------------------|
| Application Number: | 14134926 | | | |
| Filing Date: | 19-Dec-2013 | | | |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | | |
| First Named Inventor/Applicant Name: | James J. FALLON | | | |
| Filer: | Michael V. Messinger | | | |
| Attorney Docket Number: | 2855.0050008 | | | |
| Filed as Large Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |
| Utility Appl Issue Fee | 1501 | 1 | 960 | 960 |
| Extension-of-Time: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|---|----------|----------|--------|----------------------|
| Miscellaneous: | | | | |
| Submission- Information Disclosure Stmt | 1806 | 1 | 180 | 180 |
| Total in USD (\$) | | | | 1140 |

Electronic Acknowledgement Receipt

| | |
|---|--|
| EFS ID: | 19596685 |
| Application Number: | 14134926 |
| International Application Number: | |
| Confirmation Number: | 7069 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Customer Number: | 26111 |
| Filer: | Michael V. Messinger/Lauren Harrison |
| Filer Authorized By: | Michael V. Messinger |
| Attorney Docket Number: | 2855.0050008 |
| Receipt Date: | 16-JUL-2014 |
| Filing Date: | 19-DEC-2013 |
| Time Stamp: | 15:23:23 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$1140 |
| RAM confirmation Number | 1612 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|
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|--|-----------------------|--|--|------------|----|
| 1 | | 28550050008IF.pdf | 5240999 701100306bf5c3cc97e5ed9314ab18ac7556447 | yes | 11 |
| Multipart Description/PDF files in .zip description | | | | | |
| | | Document Description | Start | End | |
| | | Miscellaneous Incoming Letter | 1 | 2 | |
| | | Issue Fee Payment (PTO-85B) | 3 | 3 | |
| | | Transmittal Letter | 4 | 10 | |
| | | Information Disclosure Statement (IDS) Form (SB08) | 11 | 11 | |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Non Patent Literature | NPL1_FOA_13118122_06182014.pdf | 425568 b714a6c0d021d367ed2a290c4ba92f8f7f875cd | no | 14 |
| Warnings: | | | | | |
| Information: | | | | | |
| 3 | Non Patent Literature | NPL2_NOA_14251453_06252014.pdf | 430088 5173c673f00116facd34126593c86635943ba476 | no | 8 |
| Warnings: | | | | | |
| Information: | | | | | |
| 4 | Non Patent Literature | NPL3_FOA_14134933_06272014.pdf | 329800 afacad8ce45e0076d242c155007ce50a28835049 | no | 9 |
| Warnings: | | | | | |
| Information: | | | | | |
| 5 | Non Patent Literature | NPL4_RAN_95001923_06092014.pdf | 496972 f7c3c54c8bf37444d4f2417afc58f08583d378da | no | 14 |
| Warnings: | | | | | |
| Information: | | | | | |
| 6 | Non Patent Literature | NPL5_RAN_95001925_06102014.pdf | 327226 cd8e02d381577590f3d86d673c966c8fa97f5175 | no | 10 |
| Warnings: | | | | | |
| Information: | | | | | |
| 7 | Non Patent Literature | NPL6_NIIRC_95001924_06272014.pdf | 230696 9c349dd7827b1624eb9df8ef8bb792602448cdfd | no | 7 |
| Warnings: | | | | | |

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|---|----------------------|--------------|--|---------|---|
| Information: | | | | | |
| 8 | Fee Worksheet (SB06) | fee-info.pdf | 31857 | no | 2 |
| | | | 2e775121b9b89020d4fd11beb00920743a8b6baae0 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | | 7513206 | |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p> | | | | | |

MICHAEL V. MESSINGER
DIRECTOR
(202) 772-8667
MIKEM@SKGF.COM



July 16, 2014

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Confirmation No. 7069
Mail Stop Issue Fee

Re: Allowed U.S. Utility Patent Application
Appl. No. 14/134,926; Filed: December 19, 2013
For: **SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA
DISTRIBUTION**
Inventors: FALLON *et al.*
Our Ref: 2855.0050008

Commissioner:

In response to the **Notice of Allowance and Fee(s) Due** dated July 8, 2014, the following documents are transmitted for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85);
2. Online Credit Card Payment Authorization for \$1,140.00 to cover:
\$960.00 – Issue Fee payment;
\$180.00 – Information Disclosure Statement Fee;
3. Second Supplemental Information Disclosure Statement (IDS);
4. IDS Form PTO/SB/08B (1 page) listing 6 documents (NPL1-NPL6); and
5. Copies of cited documents NPL1-NPL6.

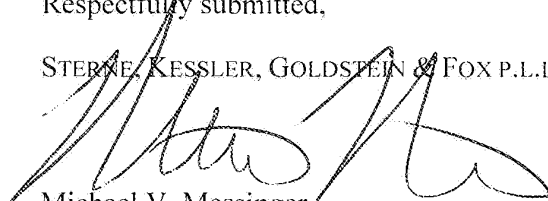
The above-listed documents are filed electronically through EFS-Web.

Commissioner for Patents
July 16, 2014
Page 2

Fee payment is provided through online credit card payment. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

MVM/aff
Enclosures

1878136_1.DOCX

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re application of: Realtime Data LLC Appl. No.: 14/134,926 Filed: December 19, 2013 For: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | Confirmation No.: 7069 Art Unit: 2634 Examiner: BOCURE, Tesfaldet Atty. Docket: 2855.0050008 |
|---|---|

Second Supplemental Information Disclosure Statement

Mail Stop Issue Fee

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Commissioner:

Notice of Prior and Concurrent Proceedings

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings involving patents that are commonly-assigned with the patent in the above-identified patent application:

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|---|--|
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| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466) | Inter Partes Reexamination Certificate issued 05/15/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453) | Terminated |
| <i>Ex Parte</i> Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428) | Ex Parte Reexamination Certificate issued 02/28/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478) | Inter Partes Reexamination Certificate issued 10/04/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464) | Inter Partes Reexamination Certificate issued 06/12/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479) | Inter Partes Reexamination Certificate issued 05/22/2012 |

/Tefaldet Bocure/

08/05/2014

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517) | Patent Owner's Request for Rehearing Under 37 C.F.R. § 41.79 mailed 02/14/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings filed by Cellco Partnership d/b/a Verizon Wireless, involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|---|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922) | <i>Inter Partes</i> Reexamination Certificate issued 12/05/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923) | Notice of Appeal filed 07/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924) | Notice of Intent to Issue a Reexamination Certificate mailed 06/27/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925) | Right of Appeal Notice mailed 06/10/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927) | <i>Inter Partes</i> Reexamination Certificate issued 08/16/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |

/Tsfaldet Bocure/

08/05/2014

Atty. Dkt. No. 2855.0050008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Applicant invites the Examiner to review the Requests for Reexamination, issued Office Actions, replies, and any other papers in the above-identified reexamination proceedings. If the Examiner is unable to obtain copies of papers in any reexamination proceeding, copies can be provided to the Examiner upon request. Those documents which may be material that are not already of record in this patent application are listed on the accompanying Form PTO/SB/08. For example, documents related to the reexaminations are listed as **NPL4-NPL6**.

Notice of Related Litigation

Applicant notifies the Patent and Trademark Office of the following litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|-----------|
| 1 | <i>Realtime Data LLC d/b/a IXO v. Packeteer, Inc. et al.</i> , No. 6:08-cv-00144-LED (E.D. Texas) | Dismissed |

Applicant also notifies the Patent and Trademark Office of the following additional litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|---|
| 2 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al.</i> No. 1:11-cv-06698-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00333-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 3 | <i>Realtime Data LLC d/b/a IXO v. Morgan Stanley et al.</i> , No. 1:11-cv-06696-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00326-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 4 | <i>Realtime Data LLC d/b/a IXO v. CME Group Inc., et al.</i> , No. 1:11-cv-06697-RJH (S.D. New York) | Opinion of the Court of Appeals for the |

/Tesfaldet Bocure/

08/05/2014 Atty. Dkt. No. 2855.0050008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

| | | |
|----|--|-------------------------------------|
| | (transferred from E.D. Texas; No. 6:09-cv-00327-LED) | Federal Circuit received 01/27/2014 |
| 5 | <i>Chicago Board Options Exchange, Inc., v. Realtime Data LLC d/b/a IXO</i> , No. 09-cv-4486 (N.D. Ill.) | Dismissed |
| 6 | <i>Thomson Reuters Corporation v. Realtime Data, LLC d/b/a IXO</i> , No. 1:09-cv-07868-RMB (S.D.N.Y) | Consolidated with Case No. 2 |
| 7 | <i>Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al. (II)</i> , No. 6:10-cv-246 (E.D. Texas) | Consolidated with Case No. 4 |
| 8 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al. (II)</i> , No. 6:10-cv-247 (E.D. Texas) | Consolidated with Case No. 2 |
| 9 | <i>Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al. (II)</i> , No. 6:10-cv-248 (E.D. Texas) | Consolidated with Case No. 3 |
| 10 | <i>Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC et al.</i> , No. 6:10-cv-00493 (E.D. Texas) | Notice of Appeal Filed |

Information Disclosure Statement

Listed on accompanying IDS Form PTO/SB/08b equivalent are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicant has listed publication dates on the attached IDS Form based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

/Tsfaldet Bocure/

08/05/2014

Atty. Dkt. No. 2855.0050008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(d). This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but on or before payment of the Issue Fee. The required fee is provided through online credit card payment authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(e) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

Copies of documents **NPL1-NPL6** are submitted.

Applicants submit herewith Office Actions from the following co-pending U.S. Patent Application Nos.:

Document **NPL1** is a copy of a Final Office Action mailed June 18, 2014 in the prosecution of co-pending, commonly-assigned U.S. Application No. 13/118,122.

/Teshaldet Bocure/

08/05/2014

Atty. Dkt. No. 2855.0050008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

Document **NPL2** is a copy of a Notice of Allowance mailed June 25, 2014 in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/251,453.

Document **NPL3** is a copy of a Final Office Action mailed June 27, 2014 in the prosecution of co-pending, commonly-assigned U.S. Application No. 14/134,933.

The identification of these Office Actions is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

It is expected that the examiner will review the prosecution and cited art in the parent application nos. 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); and 14/033,245, filed September 20, 2013 (now pending), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Form, and indicate in the official file wrapper of this patent application that the documents have been considered.

/Tsfaldet Bocure/

08/05/2014


Atty. Dkt. No. 2855.0050008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

Date:

July 16, 2014

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

1878441_1.DOCX

Atty. Dkt. No. 2855.0050008

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./



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www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

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|------------|------------|-----------------|--------------|------|
| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0050008 | 7069 |
|------------|------------|-----------------|--------------|------|

26111 7590 08/12/2014
 STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
 1100 NEW YORK AVENUE, N.W.
 WASHINGTON, DC 20005

| |
|----------|
| EXAMINER |
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BOCURE, TESFALDET

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2634

| MAIL DATE | DELIVERY MODE |
|-----------|---------------|
|-----------|---------------|

08/12/2014

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| Supplemental Notice of Allowability | Application No. 14/134,926 | Applicant(s) FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | AIA (First Inventor to File) Status No |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to IDSs received on 7/16/2014.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-3, 6-11, 14-18, 21-25 and 28-38, renumbered as 1-30. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some *c) None of the:
1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>7/16/2014</u> | 6. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 7. <input checked="" type="checkbox"/> Other <u>Attached PTO 413</u> . |
| 4. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. | |

/TESFALDET BOCURE/
Primary Examiner, Art Unit 2634

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.

Information Disclosure Statement

2. In response to the Information Disclosure Statements (IDSs) after allowance received on 7/16/2014, the following action has been taken:

THE PRESECUTION OF THIS CASE IS CLOSED AS OF THE DTAE THE NOTICE OF ALLOWANCE WAS MAILED ON 7/8/2014.

The IDSs (two IDSs received on the same date) received on 7/16/2014 have been considered by the Examiner and the initialed copies of the IDSs are attached with this correspondence.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TESHALDET BOCURE whose telephone number is (571)272-3015. The examiner can normally be reached on Mon-Th, 8:30-6:00 and 8:30-5:00 2nd Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DANIEL C. WASHBURN can be reached on (571)272-5551. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 14/134,926
Art Unit: 2634

Page 3

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TESFALDET BOCURE/
Primary Examiner, Art Unit 2634

/T. B./
Primary Examiner, Art Unit 2634

| | | | |
|---|--------------------------------------|--------------------------------------|--|
| Examiner-Initiated Interview Summary | Application No. 14/134,926 | Applicant(s) FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | |

All participants (applicant, applicant's representative, PTO personnel):

(1) TESFALDET BOCURE. (3)_____.

(2) Michael V. Messinger (Reg. # 37,575). (4)_____.

Date of Interview: 05 August 2014.

Type: Telephonic Video Conference
 Personal [copy given to: applicant applicant's representative]

Exhibit shown or demonstration conducted: Yes No.
If Yes, brief description: _____.

Issues Discussed 101 112 102 103 Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: None.

Identification of prior art discussed: _____.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Examiner called Applicant's representative Mr. Michael Messinger for clarification regarding the IDS received on 7/16/2014 which is similar to the once submitted on 5/27/2014. Mr. Messinger clarified to the Examiner that the newly cited IDS in the PTO/SB/08 are different from that of 5/27/2014 in a way that the newly cited IDS is with the updated status of the non-patent literatures, NPL1-NPL6, and as cited in the IDS form 1449 received on 7/16/2014.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Attachment

| | | | |
|--|---|--------------------------|-------------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Application Number | 14/134,926 |
| | | Filing Date | December 19, 2013 |
| | | First Named Inventor | James J. FALLON |
| | | Art Unit | 2634 |
| | | Examiner Name | BOCURE, Tesfaldet |
| | | Attorney Docket Number | 2855.0050008 |
| Sheet | 1 | of | 1 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL1 | Copy of Final Office Action for U.S. Application No. 13/118,122, mailed June 18, 2014, 14 pages. | |
| | NPL2 | Copy of Notice of Allowance for U.S. Appl. No. 14/251,453, mailed June 25, 2014; 8 pages. | |
| | NPL3 | Copy of Final Office Action for U.S. Appl. No. 14/134,933, mailed June 27, 2014; 9 pages. | |
| | NPL4 | Right of Appeal Notice Under 37 C.F.R. § 1.953 in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, mailed June 9, 2014, 14 pages. | |
| | NPL5 | Right of Appeal Notice Under 37 C.F.R. § 1.953 in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925 mailed June 10, 2014, 10 pages. | |
| | NPL6 | Notice of Intent to Issue a Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed June 27, 2014, 7 pages. | |
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|-----------------------|-------------------|--------------------|------------|
| Examiner Signature | /Tefaldet Bocure/ | Date Considered | 08/05/2014 |
|-----------------------|-------------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

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|--|----|----|----|--------------------------|-------------------|
| Substitute for form 1449/PTO | | | | <i>Complete if Known</i> | |
| | | | | Application Number | 14/134,926 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | James J. FALLON |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| | | | | Attorney Docket Number | 2855.0050008 |
| Sheet | 24 | of | 29 | | |

U.S. PATENT DOCUMENTS

| Examiner initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|--|--------------------------------|--|--|
| | | Number-Kind Code ² (if known) | | | | |
| | US461 | 6,885,319 | | 04-26-2005 | Geiger et al. | |
| | US462 | 6,888,893 | | 05-03-2005 | Li et al. | |
| | US463 | 6,909,383 | | 06-21-2005 | Shokrollahi et al. | |
| | US464 | 6,909,745 | | 06-21-2005 | Puri et al. | |
| | US465 | 6,944,740 | | 09-13-2005 | Abali et al. | |
| | US466 | 6,952,409 | | 10-01-2005 | Jolitz | 10/2005 |
| | US467 | 6,959,359 | | 10-25-2005 | Suzuki et al. | |
| | US468 | 6,963,608 | | 11-08-2005 | Wu | |
| | US469 | 6,990,247 | | 01-24-2006 | Schwartz | |
| | US470 | 6,993,597 | | 01-31-2006 | Nakagawa et al. | |
| | US471 | 7,007,099 | | 02-28-2006 | Donati et al. | |
| | US472 | 7,024,460 | | 04-04-2006 | Koopmas | |
| | US473 | 7,054,493 | | 05-30-2006 | Schwartz | |
| | US474 | 7,069,342 | | 06-27-2006 | Biederman | |
| | US475 | 7,089,391 | | 08-08-2006 | Geiger et al. | |
| | US476 | 7,102,544 | | 09-05-2006 | Liu | |
| | US477 | 7,127,518 | | 10-24-2006 | Vange et al. | |
| | US478 | 7,129,860 | | 10-31-2006 | Alvarez, II | |
| | US479 | 7,130,913 | | 10-31-2006 | Fallon | |
| | US480 | 7,161,506 | | 01-09-2007 | Fallon | |

Change(s) applied
to document,
/C.C.B./
7/26/2014

FOREIGN PATENT DOCUMENTS

| Examiner initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|--|--|--------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | | |
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|--------------------|-------------------|-----------------|------------|
| Examiner Signature | /Tefaldet Bocure/ | Date Considered | 02/19/2014 |
|--------------------|-------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under the Standard ST.3. If possible, Applicant is to place a check mark in the English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./



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Alexandria, Virginia 22313-1450
www.uspto.gov

Table with 5 columns: APPLICATION NO., ISSUE DATE, PATENT NO., ATTORNEY DOCKET NO., CONFIRMATION NO.
Row 1: 14/134,926, 09/09/2014, 8831092, 2855.0050008, 7069

26111 7590 08/20/2014
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

REALTIME DATA LLC, Armonk, NY, Assignee (with 37 CFR 1.172 Interest);
James J. FALLON, Armonk, NY;
Stephen J. MCERLAIN, Astoria, NY;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
 (Submitted Only via EFS-Web)**

| | | | | | | | |
|----------------------|-----------------|-------------|------------|-------------------------------|-------------------|----------|------|
| Application Number | 14/134,926 | Filing Date | 2013-12-19 | Docket Number (if applicable) | 2855.0050008 | Art Unit | 2634 |
| First Named Inventor | James J. FALLON | | | Examiner Name | BOCURE, Tesfaldet | | |

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
 Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

- Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- Other _____
- Enclosed
- Amendment/Reply
- Information Disclosure Statement (IDS)
- Affidavit(s)/ Declaration(s)
- Other

 Certification and Request for Prioritized Examination Under 37 CFR 1.102(e) (PTO/SB/424)

MISCELLANEOUS

- Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
 (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- Other _____

FEES

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
 The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____ 190036

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

- Patent Practitioner Signature
- Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Signature of Registered U.S. Patent Practitioner | | | |
|--|----------------------|---------------------|------------|
| Signature | /Michael Messinger/ | Date (YYYY-MM-DD) | 2014-08-22 |
| Name | Michael V. Messinger | Registration Number | 37575 |

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

**CERTIFICATION AND REQUEST FOR PRIORITIZED EXAMINATION
 UNDER 37 CFR 1.102(e)** (Page 1 of 1)

| | | | |
|-----------------------|--|---|------------|
| First Named Inventor: | James J. FALLON | Nonprovisional Application Number (if known): | 14/134,926 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS PRIORITIZED EXAMINATION FOR THE ABOVE-IDENTIFIED APPLICATION.

1. The processing fee set forth in 37 CFR 1.17(i), the prioritized examination fee set forth in 37 CFR 1.17(c), and if not already paid, the publication fee set forth in 37 CFR 1.18(d) have been filed with the request. The basic filing fee, search fee, examination fee, and any required excess claims and application size fees are filed with the request or have been already been paid.
2. The application contains or is amended to contain no more than four independent claims and no more than thirty total claims, and no multiple dependent claims.
3. The applicable box is checked below:

I. Original Application (Track One) - Prioritized Examination under § 1.102(e)(1)

- i. (a) The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a). This certification and request is being filed with the utility application via EFS-Web.
 --OR--
 (b) The application is an original nonprovisional plant application filed under 35 U.S.C. 111(a). This certification and request is being filed with the plant application in paper.
- ii. An executed oath or declaration under 37 CFR 1.63 is filed with the application.

II. Request for Continued Examination - Prioritized Examination under § 1.102(e)(2)

- i. A request for continued examination has been filed with, or prior to, this form.
- ii. If the application is a utility application, this certification and request is being filed via EFS-Web.
- iii. The application is an original nonprovisional utility application filed under 35 U.S.C. 111(a), or is a national stage entry under 35 U.S.C. 371.
- iv. This certification and request is being filed prior to the mailing of a first Office action responsive to the request for continued examination.
- v. No prior request for continued examination has been granted prioritized examination status under 37 CFR 1.102(e)(2).

| | |
|---|---|
| Signature /Michael Messinger/ | Date August 22 2014 |
| Name (Print/Typed) Michael V. Messinger | Practitioner Registration Number 37,575 |

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.

*Total of 1 forms are submitted.

Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
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8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

| | | | | |
|--|--|-----------------|---------------|-----------------------------|
| Application Number: | 14134926 | | | |
| Filing Date: | 19-Dec-2013 | | | |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | | |
| First Named Inventor/Applicant Name: | James J. FALLON | | | |
| Filer: | Michael V. Messinger/Ann-Marie Fazekas | | | |
| Attorney Docket Number: | 2855.0050008 | | | |
| Filed as Large Entity | | | | |
| Utility under 35 USC 111(a) Filing Fees | | | | |
| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
| Basic Filing: | | | | |
| Petition fee- 37 CFR 1.17(h) (Group III) | 1464 | 1 | 140 | 140 |
| Request for Continued Examination | 1801 | 1 | 1200 | 1200 |
| Pages: | | | | |
| Claims: | | | | |
| Miscellaneous-Filing: | | | | |
| Petition: | | | | |
| Patent-Appeals-and-Interference: | | | | |
| Post-Allowance-and-Post-Issuance: | | | | |

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|---------------------------|----------|----------|--------|----------------------|
| Extension-of-Time: | | | | |
| Miscellaneous: | | | | |
| Total in USD (\$) | | | | 1340 |



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Decision Date: August 22, 2014

In re Application of:

James FALLON

DECISION ON PETITION

UNDER CFR 1.313(c)(2)

Application No: 14134926

Filed: 19-Dec-2013

Attorney Docket No: 2855.0050008

This is an electronic decision on the petition under 37 CFR 1.313(c)(2), filed August 22, 2014, to withdraw the above-identified application from issue after payment of the issue fee.

The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

Petitioner is advised that the issue fee paid in this application cannot be refunded. If, however, this application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.

Telephone inquiries concerning this decision should be directed to the Patent Electronic Business Center (EBC) at 866-217-9197.

This application file is being referred to Technology Center AU 2634 for processing of the request for continuing examination under 37 CFR 1.114.

Office of Petitions

Electronic Acknowledgement Receipt

| | |
|---|--|
| EFS ID: | 19942650 |
| Application Number: | 14134926 |
| International Application Number: | |
| Confirmation Number: | 7069 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Customer Number: | 26111 |
| Filer: | Michael V. Messinger/Ann-Marie Fazekas |
| Filer Authorized By: | Michael V. Messinger |
| Attorney Docket Number: | 2855.0050008 |
| Receipt Date: | 22-AUG-2014 |
| Filing Date: | 19-DEC-2013 |
| Time Stamp: | 15:49:08 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$1340 |
| RAM confirmation Number | 2348 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|

| | | | | | |
|-------------------------------------|---|---------------------------------------|--|----|----|
| 1 | Petition automatically granted by EFS | petition-request.pdf | 31571 | no | 2 |
| | | | a7a2b8cc0d05730c09fe517e7b96969316035b37 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| 2 | Request for Continued Examination (RCE) | 28550050008RCETransmittal.PDF | 706039 | no | 3 |
| | | | a4387cf034f8baec49e5faef5bdc6a8fd411c5f | | |
| Warnings: | | | | | |
| Information: | | | | | |
| 3 | Quick Path Information Disclosure Statement | 28550050008RCEIDS.pdf | 5011791 | no | 11 |
| | | | b01e23b25c1ad80fee4b9a51919bd52b6f979aa8 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| 4 | Quick Path Information Disclosure Statement | 28550050008QPIDSTransmittal.PDF | 172274 | no | 2 |
| | | | 9e8ef9f1b48da0e6d37c9ac616e74bee9f832107 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| 5 | Transmittal Letter | 28550050008RCETrackOneRequestForm.PDF | 146509 | no | 2 |
| | | | 385fd7221775f53a0cb57f5518cf5791a27512 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| 6 | Fee Worksheet (SB06) | fee-info.pdf | 32365 | no | 2 |
| | | | 3132a4b60e2ca49894bcb8450967d290d8dbbd9 | | |
| Warnings: | | | | | |
| Information: | | | | | |
| Total Files Size (in bytes): | | | 6100549 | | |

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

| | | |
|--|--|--|
| Doc Code: PET.AUTO Document Description: Petition automatically granted by EFS-Web | | PTO/SB/140 U.S. Patent and Trademark Office Department of Commerce |
| Electronic Petition Request | PETITION TO WITHDRAW AN APPLICATION FROM ISSUE AFTER PAYMENT OF THE ISSUE FEE UNDER 37 CFR 1.313(c) | |
| Application Number | 14134926 | |
| Filing Date | 19-Dec-2013 | |
| First Named Inventor | James FALLON | |
| Art Unit | 2634 | |
| Examiner Name | TESFALDET BOCURE | |
| Attorney Docket Number | 2855.0050008 | |
| Title | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | |
| <p>An application may be withdrawn from issue for further action upon petition by the applicant. To request that the Office withdraw an application from issue, applicant must file a petition under this section including the fee set forth in § 1.17(h) and a showing of good and sufficient reasons why withdrawal of the application from issue is necessary.</p> <p>APPLICANT HEREBY PETITIONS TO WITHDRAW THIS APPLICATION FROM ISSUE UNDER 37 CFR 1.313(c).</p> <p>A grantable petition requires the following items: (1) Petition fee; and (2) One of the following reasons: (a) Unpatentability of one or more claims, which must be accompanied by an unequivocal statement that one or more claims are unpatentable, an amendment to such claim or claims, and an explanation as to how the amendment causes such claim or claims to be patentable; (b) Consideration of a request for continued examination in compliance with § 1.114 (for a utility or plant application only); or (c) Express abandonment of the application. Such express abandonment may be in favor of a continuing application, but not a CPA under 37 CFR 1.53(d).</p> | | |
| Petition Fee | | |
| <input type="radio"/> Small Entity | | |
| <input type="radio"/> Micro Entity | | |
| <input checked="" type="radio"/> Regular Undiscounted | | |
| Reason for withdrawal from issue | | |

- One or more claims are unpatentable
- Consideration of a request for continued examination (RCE) (List of Required Documents and Fees)
- Applicant hereby expressly abandons the instant application (any attorney/agent signing for this reason must have power of attorney pursuant to 37 CFR 1.32(b)).

RCE request, submission, and fee.

I certify, in accordance with 37 CFR 1.4(d)(4) that :

The RCE request ,submission, and fee have already been filed in the above-identified application on

Are attached.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

- An attorney or agent registered to practice before the Patent and Trademark Office who has been given power of attorney in this application.
- An attorney or agent registered to practice before the Patent and Trademark Office, acting in a representative capacity.
- A sole inventor
- A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application
- A joint inventor; all of whom are signing this e-petition

| | |
|---------------------|----------------------|
| Signature | /Michael Messinger/ |
| Name | Michael V. Messinger |
| Registration Number | 37575 |

MICHAEL V. MESSINGER
DIRECTOR
(202) 772-8667
MIKEM@SKGF.COM



August 22, 2014

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Confirmation No. 7069
Art Unit 2634
Attn: Mail Stop 313(c)

Re: U.S. Utility Patent Application
Application No. 14/134,926; Filing Date: December 19, 2013
For: **SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA
DISTRIBUTION**
Inventors: FALLON *et al.*
Our Ref: 2855.0050008

Commissioner:

Transmitted herewith for appropriate action are the following documents:

1. Authorization to deduct the amount of **\$5,660.00** from Deposit Account No. 19-0036 to cover:
 - \$4,000.00** Request for prioritized Examination (Track 1);
 - \$140.00** Processing fee, except in provisional applications;
 - \$180.00** Information Disclosure Fee;
 - \$140.00** Petition to Withdraw from Issue after Payment of the Issue Fee (under 37 C.F.R. § 1.313(c)(2)); and
 - \$1,200.00** Request for Continued Examination Fee;
2. Certification and Request For Prioritized Examination Under 37 CFR 1.102(e);
3. Petition to Withdraw an Application from Issue After Payment of the Issue Fee Under 37 CFR 1.313(c)(2);
4. Request for Continued Examination (PTO/SB/30);
5. Third Supplemental Information Disclosure Statement;
6. Form PTO/SB/08a (1 sheet) listing 2 documents (**US1-US2**);
7. Form PTO/SB/08b (1 sheet) listing 2 documents (**NPL1-NPL2**); and

Commissioner for Patents
August 22, 2014
Page 2

8. Copies of cited documents (NPL1-NPL2).

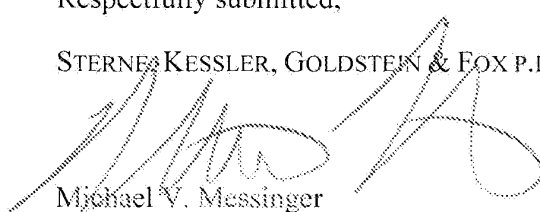
The above-listed documents are filed electronically through EFS-Web.

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Fee payment is provided through online credit card payment. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

MVM/MRM/wcf
Enclosures

1891392_1.DOCX

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re application of: Realtime Data LLC Appl. No.: 14/134,926 Filed: December 19, 2013 For: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | Confirmation No.: 7069 Art Unit: 2634 Examiner: BOCURE, Tesfaldet Atty. Docket: 2855.0050008 |
|---|---|

Third Supplemental Information Disclosure Statement

Mail Stop 313(c)

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Commissioner:

Notice of Prior and Concurrent Proceedings

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486) | Inter Partes Reexamination Certificate issued 10/10/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466) | Inter Partes Reexamination Certificate issued 05/15/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453) | Terminated |
| <i>Ex Parte</i> Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428) | Ex Parte Reexamination Certificate issued 02/28/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478) | Inter Partes Reexamination Certificate issued 10/04/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464) | Inter Partes Reexamination Certificate issued 06/12/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479) | Inter Partes Reexamination Certificate issued 05/22/2012 |

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517) | Patent Owner's Request for Rehearing Under 37 C.F.R. § 41.79 mailed 02/14/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings filed by Cellco Partnership d/b/a Verizon Wireless, involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|---|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922) | <i>Inter Partes</i> Reexamination Certificate issued 12/05/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923) | Notice of Appeal filed 07/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924) | <i>Inter Partes</i> Reexamination Certificate issued 08/04/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925) | Right of Appeal Notice mailed 06/10/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927) | <i>Inter Partes</i> Reexamination Certificate issued 08/16/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |

Applicant invites the Examiner to review the Requests for Reexamination, issued Office Actions, replies, and any other papers in the above-identified reexamination proceedings. If the Examiner is unable to obtain copies of papers in any reexamination proceeding, copies can be provided to the Examiner upon request. Those documents which may be material that are not already of record in this patent application are listed on the accompanying Form PTO/SB/08. For example, a document related to a reexamination is listed as **NPL2**.

Notice of Related Litigation

Applicant notifies the Patent and Trademark Office of the following litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|-----------|
| 1 | <i>Realtime Data LLC d/b/a IXO v. Packeteer, Inc. et al.</i> , No. 6:08-cv-00144-LED (E.D. Texas) | Dismissed |

Applicant also notifies the Patent and Trademark Office of the following additional litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|---|
| 2 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al.</i> No. 1:11-cv-06698-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00333-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 3 | <i>Realtime Data LLC d/b/a IXO v. Morgan Stanley et al.</i> , No. 1:11-cv-06696-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00326-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 4 | <i>Realtime Data LLC d/b/a IXO v. CME Group Inc., et al.</i> , No. 1:11-cv-06697-RJH (S.D. New York) | Opinion of the Court of Appeals for the |

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| | (transferred from E.D. Texas; No. 6:09-cv-00327-LED) | Federal Circuit received 01/27/2014 |
| 5 | <i>Chicago Board Options Exchange, Inc., v. Realtime Data LLC d/b/a IXO</i> , No. 09-cv-4486 (N.D. Ill.) | Dismissed |
| 6 | <i>Thomson Reuters Corporation v. Realtime Data, LLC d/b/a IXO</i> , No. 1:09-cv-07868-RMB (S.D.N.Y) | Consolidated with Case No. 2 |
| 7 | <i>Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al. (II)</i> , No. 6:10-cv-246 (E.D. Texas) | Consolidated with Case No. 4 |
| 8 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al. (II)</i> , No. 6:10-cv-247 (E.D. Texas) | Consolidated with Case No. 2 |
| 9 | <i>Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al. (II)</i> , No. 6:10-cv-248 (E.D. Texas) | Consolidated with Case No. 3 |
| 10 | <i>Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC et al.</i> , No. 6:10-cv-00493 (E.D. Texas) | Appeal Terminated |

Information Disclosure Statement

Listed on accompanying IDS Forms PTO/SB/08a equivalent and PTO/SB/08b equivalent are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicant has listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Third Supplemental Information Disclosure Statement is being filed after the payment of the Issue Fee. The required fee is provided through authorization to deduct the amount of **\$180.00** from Deposit Account No. 19-0036 in payment of the fee under 37 C.F.R. § 1.17(p); in addition, I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

Copies of documents **NPL1-NPL2** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of the U.S. patents cited as documents **US1-US2** on the attached IDS Forms are submitted.

Applicants submit herewith an Office Action from the co-pending U.S. Patent Application No.:

Document **NPL1** is a copy of a Notice of Allowance mailed July 22, 2014, in the prosecution of co-pending, commonly-assigned U.S. Patent Application No. 14/033,245.

The identification of this Office Action is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

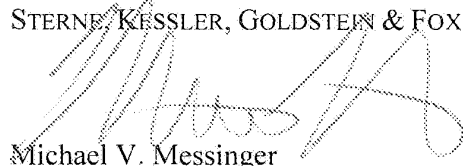
It is expected that the examiner will review the prosecution and cited art in the parent application nos. 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); and 14/033,245, filed September 20, 2013 (now pending), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

Date:

August 20, 2014

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

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| Substitute for form 1449/PTO | | | Complete if Known | | |
| THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | 14/134,926 | |
| | | | Filing Date | December 19, 2013 | |
| | | | First Named Inventor | James J. FALLON | |
| | | | Art Unit | 2634 | |
| | | | Examiner Name | BOCURE, Tesfaldet | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 2855.0050008 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|--|----|--------------------------------|---|---|
| Examiner initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
| | US1 | 6,723,225 | B2 | 04-20-2004 | Scheps | |
| | US2 | 6,959,110 | B1 | 10-25-2005 | Danskin | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|--|--------------------------------|---|---|----|
| Examiner initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T6 |
| | | Country Code ³ | Number ⁴ -Kind Code ⁵ (if known) | | | | |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind Code. ⁶ Applicant is to place a check mark here if

| | | | | | |
|---|---|----|---|--------------------------|-------------------|
| Substitute for form 1449/PTO | | | | <i>Complete if Known</i> | |
| THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 14/134,926 |
| | | | | Filing Date | December 19, 2013 |
| | | | | First Named Inventor | James J. FALLON |
| | | | | Art Unit | 2634 |
| | | | | Examiner Name | BOCURE, Tesfaldet |
| Sheet | 1 | of | 1 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL1 | Copy of Notice of Allowance for U.S. Appl. No. 14/033,245, mailed July 22, 2014, 13 pages. | |
| | NPL2 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed August 4, 2014, 4 pages. | |
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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 09/02/2014

KVESTAL SALE #00000007 Mailroom Dt: 08/22/2014 190036 14134926
01 FC : 1806 180.00 DA

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|---|----------------------------------|---------------------------------------|
| PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 | Application or Docket Number 14/134,926 | Filing Date 12/19/2013 | <input type="checkbox"/> To be Mailed |
|---|---|----------------------------------|---------------------------------------|

ENTITY: LARGE SMALL MICRO

APPLICATION AS FILED – PART I

| FOR | NUMBER FILED | NUMBER EXTRA | RATE (\$) | FEE (\$) |
|--|---|--------------|-----------|----------|
| <input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c)) | N/A | N/A | N/A | |
| <input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (j), or (m)) | N/A | N/A | N/A | |
| <input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(c), (p), or (q)) | N/A | N/A | N/A | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | minus 20 = * | | X \$ = | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = * | | X \$ = | |
| <input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2. | | | TOTAL | |

APPLICATION AS AMENDED – PART II

| | (Column 1) | (Column 2) | (Column 3) | (Column 3) | RATE (\$) | ADDITIONAL FEE (\$) |
|--|--|----------------------------------|------------------------------------|---------------|-----------------|---------------------|
| AMENDMENT | 08/22/2014 | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
| | Total (37 CFR 1.16(j)) | * 30 | Minus ** 30 | = 0 | X \$80 = | 0 |
| | Independent (37 CFR 1.16(h)) | * 4 | Minus ***4 | = 0 | X \$420 = | 0 |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | |
| | | | | | TOTAL ADD'L FEE | 0 |

| | (Column 1) | (Column 2) | (Column 3) | (Column 3) | RATE (\$) | ADDITIONAL FEE (\$) |
|--|--|----------------------------------|------------------------------------|---------------|-----------------|---------------------|
| AMENDMENT | | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | | |
| | Total (37 CFR 1.16(j)) | * | Minus ** | = | X \$ = | |
| | Independent (37 CFR 1.16(h)) | * | Minus *** | = | X \$ = | |
| | <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s)) | | | | | |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) | | | | | | |
| | | | | | TOTAL ADD'L FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/DEBRA SAVOY/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

PATENT WITHDRAWAL NOTICE

DATE WITHDRAWN

8/26/2014

WITHDRAWAL NUMBER

26511

The following application has been **WITHDRAWN** from the

9/9/2014 issue.

SERIAL NO.

14134926

PATENT NUMBER

8831092

TITLE

SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION

NAME AND ADDRESS

JAMES FALLON
Armonk, NY

REASON FOR WITHDRAWAL

Auto-petition to withdraw - Granted

APPROVED

/Kimberly Terrell/, Manager

Patent Publication Branch
Office of Data Management



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0050008 | 7069 |
|------------|------------|-----------------|--------------|------|

26111 7590 09/19/2014
 STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
 1100 NEW YORK AVENUE, N.W.
 WASHINGTON, DC 20005

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| EXAMINER |
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BOCURE, TESFALDET

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| ART UNIT | PAPER NUMBER |
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2634

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| MAIL DATE | DELIVERY MODE |
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09/19/2014

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|--|--------------------------------------|--------------------------------------|--|
| Supplemental Notice of Allowability | Application No. 14/134,926 | Applicant(s) FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | AIA (First Inventor to File) Status No |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to IDS and RCE filed on 8/22/2014.
 A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. The allowed claim(s) is/are 1-3, 6-11, 14-18, 21-25 and 28-38, renumbered as claims 1-30. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) All b) Some *c) None of the:
1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in **ABANDONMENT** of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. **CORRECTED DRAWINGS** (as "replacement sheets") must be submitted.
 including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. **DEPOSIT OF and/or INFORMATION** about the deposit of **BIOLOGICAL MATERIAL** must be submitted. Note the attached Examiner's comment regarding **REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.**

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 2. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>8/22/14</u> | 6. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 7. <input type="checkbox"/> Other _____. |
| 4. <input type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____. | |

/TESFALDET BOCURE/
Primary Examiner, Art Unit 2634

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This office action (Notice of Allowance) is in response to the IDS and the concurrently RCE and Track One request filed on 08/22/2014. The pending claims 1-3, 6-11, 14-18, 21-25 and 28-38, now renumbered as claims 1-30 are allowed.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted after allowance and concurrent filed QPIDS, RCE and Track One request on 08/22/2014 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner. Attached with this correspondence are the initialed copies of the IDSs.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TESFALDET BOCURE whose telephone number is (571)272-3015. The examiner can normally be reached on Mon-Th, 8:30-6:00 and 8:30-5:00 2nd Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, DANIEL C. WASHBURN can be reached on (571)272-5551. The fax phone

Art Unit: 2634

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/TESFALDET BOCURE/
Primary Examiner, Art Unit 2634

/T. B./
Primary Examiner, Art Unit 2634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In re application of: Realtime Data LLC Appl. No.: 14/134,926 Filed: December 19, 2013 For: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | Confirmation No.: 7069 Art Unit: 2634 Examiner: BOCURE, Tesfaldet Atty. Docket: 2855.0050008 |
|---|---|

Third Supplemental Information Disclosure Statement

Mail Stop 313(c)

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Commissioner:

Notice of Prior and Concurrent Proceedings

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486) | Inter Partes Reexamination Certificate issued 10/10/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466) | Inter Partes Reexamination Certificate issued 05/15/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453) | Terminated |
| <i>Ex Parte</i> Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428) | Ex Parte Reexamination Certificate issued 02/28/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478) | Inter Partes Reexamination Certificate issued 10/04/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464) | Inter Partes Reexamination Certificate issued 06/12/2012 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479) | Inter Partes Reexamination Certificate issued 05/22/2012 |

/Tefaldet Bocure/

09/06/2014

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

| Proceeding | Status |
|---|--|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517) | Patent Owner's Request for Rehearing Under 37 C.F.R. § 41.79 mailed 02/14/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544) | Order Remanding <i>Inter Partes</i> Reexamination Under 37 C.F.R. 41.77(d) to the Examiner mailed 05/29/2014 |

Applicant hereby calls to the attention of the Patent and Trademark Office the following reexamination proceedings filed by Cellco Partnership d/b/a Verizon Wireless, involving patents that are commonly-assigned with the patent in the above-identified patent application:

| Proceeding | Status |
|---|---|
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922) | <i>Inter Partes</i> Reexamination Certificate issued 12/05/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923) | Notice of Appeal filed 07/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924) | <i>Inter Partes</i> Reexamination Certificate issued 08/04/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925) | Right of Appeal Notice mailed 06/10/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927) | <i>Inter Partes</i> Reexamination Certificate issued 08/16/2013 |
| <i>Inter Partes</i> Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928) | <i>Inter Partes</i> Reexamination Certificate issued 01/08/2014 |

/Tsfaldet Bocure/

09/06/2014

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./
Atty. Dkt. No. 2855.0050008

Applicant invites the Examiner to review the Requests for Reexamination, issued Office Actions, replies, and any other papers in the above-identified reexamination proceedings. If the Examiner is unable to obtain copies of papers in any reexamination proceeding, copies can be provided to the Examiner upon request. Those documents which may be material that are not already of record in this patent application are listed on the accompanying Form PTO/SB/08. For example, a document related to a reexamination is listed as **NPL2**.

Notice of Related Litigation

Applicant notifies the Patent and Trademark Office of the following litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|-----------|
| 1 | <i>Realtime Data LLC d/b/a IXO v. Packeteer, Inc. et al.</i> , No. 6:08-cv-00144-LED (E.D. Texas) | Dismissed |

Applicant also notifies the Patent and Trademark Office of the following additional litigation involving U.S. Patents commonly-owned with the current patent application, the subject matter of which may be related to the present patent application:

| No. | Case | Status |
|-----|---|---|
| 2 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al.</i> No. 1:11-cv-06698-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00333-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 3 | <i>Realtime Data LLC d/b/a IXO v. Morgan Stanley et al.</i> , No. 1:11-cv-06696-RJH (S.D. New York) (transferred from E.D. Texas; 6:09-cv-00326-LED) | Opinion of the Court of Appeals for the Federal Circuit received 01/27/2014 |
| 4 | <i>Realtime Data LLC d/b/a IXO v. CME Group Inc., et al.</i> , No. 1:11-cv-06697-RJH (S.D. New York) | Opinion of the Court of Appeals for the |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

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| | (transferred from E.D. Texas; No. 6:09-cv-00327-LED) | Federal Circuit received 01/27/2014 |
| 5 | <i>Chicago Board Options Exchange, Inc., v. Realtime Data LLC d/b/a IXO</i> , No. 09-cv-4486 (N.D. Ill.) | Dismissed |
| 6 | <i>Thomson Reuters Corporation v. Realtime Data, LLC d/b/a IXO</i> , No. 1:09-cv-07868-RMB (S.D.N.Y) | Consolidated with Case No. 2 |
| 7 | <i>Realtime Data, LLC d/b/a IXO v. CME Group Inc., et al. (II)</i> , No. 6:10-cv-246 (E.D. Texas) | Consolidated with Case No. 4 |
| 8 | <i>Realtime Data LLC d/b/a IXO v. Thomson Reuters Corporation et al. (II)</i> , No. 6:10-cv-247 (E.D. Texas) | Consolidated with Case No. 2 |
| 9 | <i>Realtime Data, LLC d/b/a IXO v. Morgan Stanley, et al. (II)</i> , No. 6:10-cv-248 (E.D. Texas) | Consolidated with Case No. 3 |
| 10 | <i>Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC et al.</i> , No. 6:10-cv-00493 (E.D. Texas) | Appeal Terminated |

Information Disclosure Statement

Listed on accompanying IDS Forms PTO/SB/08a equivalent and PTO/SB/08b equivalent are documents that may be considered material to the patentability of this application as defined in 37 C.F.R. §1.56, and in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.97 and 1.98.

Applicant has listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Third Supplemental Information Disclosure Statement is being filed after the payment of the Issue Fee. The required fee is provided through authorization to deduct the amount of **\$180.00** from Deposit Account No. 19-0036 in payment of the fee under 37 C.F.R. § 1.17(p); in addition, I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

Copies of documents **NPL1-NPL2** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of the U.S. patents cited as documents **US1-US2** on the attached IDS Forms are submitted.

Applicants submit herewith an Office Action from the co-pending U.S. Patent Application No.:

Document **NPL1** is a copy of a Notice of Allowance mailed July 22, 2014, in the prosecution of co-pending, commonly-assigned U.S. Patent Application No. 14/033,245.

/Tesfaldet Bocure/

/Tesfaldet Bocure/

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./
Atty. Dkt. No. 2855.0050008

The identification of this Office Action is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination.

It is expected that the examiner will review the prosecution and cited art in the parent application nos. 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); and 14/033,245, filed September 20, 2013 (now pending), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

/Tsfaldet Bocure/

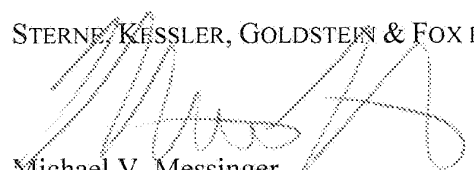
09/06/2014

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.B./
Atty. Dkt. No. 2855.0050008

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

Date: August 20, 2014

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

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|---|---|----|--------------------------|------------------------|--------------|
| Substitute for form 1449/PTO | | | Complete if Known | | |
| THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | Application Number | 14/134,926 | |
| | | | Filing Date | December 19, 2013 | |
| | | | First Named Inventor | James J. FALLON | |
| | | | Art Unit | 2634 | |
| | | | Examiner Name | BOCURE, Tesfaldet | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 2855.0050008 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|--|
| Examiner initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | US1 | 6,723,225 B2 | 04-20-2004 | Scheps | |
| | US2 | 6,959,110 B1 | 10-25-2005 | Danskin | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T6 |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
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| Examiner Signature | /Tesfaldet Bocure/ | Date Considered | 09/06/2014 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. **ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH.** † For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ‡ Kind Code of cited document, where applicable as indicated on the document under WIPO Standard ST 16, if possible. § Applicant is to place a check mark here if

/T.B./


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|---|---|----|--------------------------|------------------------|--------------|
| Substitute for form 1449/PTO THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | <i>Complete if Known</i> | | |
| | | | Application Number | 14/134,926 | |
| | | | Filing Date | December 19, 2013 | |
| | | | First Named Inventor | James J. FALLON | |
| | | | Art Unit | 2634 | |
| | | | Examiner Name | BOCURE, Tesfaldet | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 2855.0050008 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| | NPL1 | Copy of Notice of Allowance for U.S. Appl. No. 14/033,245, mailed July 22, 2014, 13 pages. | |
| | NPL2 | Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,352,300, Control No. 95/001,924, mailed August 4, 2014, 4 pages. | |
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| Examiner Signature | /Tefaldet Bocure/ | Date Considered | 09/06/2014 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered; include copy of this form with last communication to applicant. /T.B./
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | |
|--|--|---|
| <i>Index of Claims</i>  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

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| N | Non-Elected |
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| A | Appeal |
| O | Objected |

Claims renumbered in the same order as presented by applicant
 CPA
 T.D.
 R.1.47

| CLAIM | | DATE | | | | | | | |
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| Final | Original | 02/24/2014 | 06/28/2014 | 09/17/2014 | | | | | |
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| 2 | 2 | ✓ | = | = | | | | | |
| 3 | 3 | ✓ | = | = | | | | | |
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| 4 | 6 | ✓ | = | = | | | | | |
| 5 | 7 | ✓ | = | = | | | | | |
| 9 | 8 | ✓ | = | = | | | | | |
| 10 | 9 | ✓ | = | = | | | | | |
| 11 | 10 | ✓ | = | = | | | | | |
| 12 | 11 | ✓ | = | = | | | | | |
| - | 12 | ○ | - | - | | | | | |
| - | 13 | ✓ | - | - | | | | | |
| 13 | 14 | ✓ | = | = | | | | | |
| 14 | 15 | ✓ | = | = | | | | | |
| 15 | 16 | ✓ | = | = | | | | | |
| 19 | 17 | ✓ | = | = | | | | | |
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| - | 20 | ✓ | - | - | | | | | |
| 22 | 21 | ✓ | = | = | | | | | |
| 21 | 22 | ✓ | = | = | | | | | |
| 23 | 23 | ✓ | = | = | | | | | |
| 25 | 24 | ✓ | = | = | | | | | |
| 26 | 25 | ✓ | = | = | | | | | |
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| 28 | 28 | ✓ | = | = | | | | | |
| 27 | 29 | ✓ | = | = | | | | | |
| 29 | 30 | ✓ | = | = | | | | | |
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| 24 | 33 | | = | = | | | | | |
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| 8 | 36 | | = | = | | | | | |

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| Index of Claims  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

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| - | Cancelled |
| ÷ | Restricted |

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| N | Non-Elected |
| I | Interference |

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| A | Appeal |
| O | Objected |

Claims renumbered in the same order as presented by applicant
 CPA
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| CLAIM | | DATE | | | | | | | |
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| Final | Original | 02/24/2014 | 06/28/2014 | 09/17/2014 | | | | | |
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| Issue Classification  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. | |
| | Examiner TESFALDET BOCURE | Art Unit 2634 | |

| CPC | | | | | | |
|--------|--|---|--|------|------|------------|
| Symbol | | | | | Type | Version |
| H03M | | 7 | | 6094 | F | 2013-01-01 |
| H03M | | 7 | | 30 | I | 2013-01-01 |
| H03M | | 7 | | 3084 | I | 2013-01-01 |
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| NONE | | Total Claims Allowed: | |
| (Assistant Examiner) | (Date) | 30 | |
| /TESFALDET BOCURE/ Primary Examiner.Art Unit 2634 | 09/18/2014 | O.G. Print Claim(s) | O.G. Print Figure |
| (Primary Examiner) | (Date) | 9 | 1 |

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| Issue Classification  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

| US ORIGINAL CLASSIFICATION | | | | | | INTERNATIONAL CLASSIFICATION | | | | | | | | | |
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| CLASS | | SUBCLASS | | | | CLAIMED | | | | NON-CLAIMED | | | | | |
| 375 | | 240.01 | | | | H | 0 | 4 | N | 7 / 12 (2006.01.01) | | | | | |
| CROSS REFERENCE(S) | | | | | | | | | | | | | | | |
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| NONE | | Total Claims Allowed: | |
| | | 30 | |
| (Assistant Examiner) _____ /TESFALDET BOCURE/ Primary Examiner. Art Unit 2634 | (Date) _____ 09/18/2014 | O.G. Print Claim(s) 9 | O.G. Print Figure 1 |
| (Primary Examiner) _____ | (Date) _____ | | |

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| Issue Classification  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | | | | | | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
|---|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------------------------------------|--|--------------------------------------|--|--|--|
| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | | | | | | |
| 1 | 1 | 19 | 17 | 24 | 33 | | | | | | | | | | | | | | | | |
| 2 | 2 | 20 | 18 | 30 | 34 | | | | | | | | | | | | | | | | |
| 3 | 3 | - | 19 | 7 | 35 | | | | | | | | | | | | | | | | |
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| - | 5 | 22 | 21 | 17 | 37 | | | | | | | | | | | | | | | | |
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| NONE | | Total Claims Allowed: | |
| | | 30 | |
| (Assistant Examiner) | (Date) | O.G. Print Claim(s) | O.G. Print Figure |
| /TESFALDET BOCURE/ Primary Examiner. Art Unit 2634 | 09/18/2014 | 9 | 1 |
| (Primary Examiner) | (Date) | | |

WEST Search History for Application 14134926

Creation Date: 2014062820:13

Prior Art Searches

| Query | DB | Op. | Plur. | Thes. | Date |
|---|--|-----|-------|-------|------------|
| (fallon.inv. or mcerlain.inv.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| @ad<=20010213 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and ((fallon.inv. or mcerlain.inv.)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) | PGPB, USPT, USOC, | OR | YES | | 06-28-2014 |

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| same (bandwidth\$ or (read same write) or throughput\$) and (@ad<=20010213) | EPAB, JPAB, DWPI, TDBD | | | | |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) same (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
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| ((Lempel adj zif) near4 compres\$5) and ((table near2 base\$) near4 compres\$5) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| 375/\$8.ccls. or 370/\$8.ccls. or 348/\$8.ccls. or 341/\$8.ccls. or 711/\$8.ccls. or 701/\$8.ccls. or 381/\$8.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (375/\$8.ccls. or 370/\$8.ccls. or 348/\$8.ccls. or 341/\$8.ccls. or 711/\$8.ccls. or 701/\$8.ccls. or 381/\$8.ccls.) and (((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and (fallon.inv. or mcerlain.inv.) or ((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |

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| <p>(((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write)) or (((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write) or throughput\$) and @ad<=20010213) or ((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and ((Lempel adj zif) or asymmetric) and ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and @ad<=20010213) or (((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and @ad<=20010213))</p> | <p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p> | <p>OR</p> | <p>YES</p> | | <p>06-28-2014</p> |
| <p>(((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write) or throughput\$) and @ad<=20010213 or (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and ((Lempel adj zif) or asymmetric) and ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and @ad<=20010213 or (((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and @ad<=20010213)) and</p> | <p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p> | <p>OR</p> | <p>YES</p> | | <p>06-28-2014</p> |

((H04N9/8066 |H04N19/00193 |H04N19/00078
|H04N2201/33357 |H04N5/9261 |H04L69/04 |H04L47/38
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|H03M7/46 |G11B20/10527 |H04W28/06 |Y02B60/1225
|Y10S707/99931 |G09G2360/121).CPC. or (375/E7.088
|375/240 |375/240.01 |375/E7.027 |375/E7.245 |375/240.25
|375/242 |386/355 |341/50 |382/232 |382/166
|382/246).CCLS. or (H04N7/26 |H04N7/32 |H04N9/804
|H04N5/926 |H03M7/30 |H03M7/42 |H04J3/18).IPCR.)

WEST Search History for Application 14134926

Creation Date: 2014062820:35

Prior Art Searches

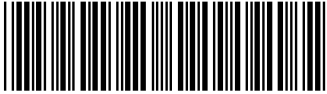
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| (fallon.inv. or mcerlain.inv.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| @ad<=20010213 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and (parameter or parameters or attribute or attributes) and (bandwidth\$ or (read same write)) and ((fallon.inv. or mcerlain.inv.)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
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| ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) | PGPB, USPT, USOC, | OR | YES | | 06-28-2014 |

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|---|--|----|-----|--|------------|
| same (bandwidth\$ or (read same write) or throughput\$) and (@ad<=20010213) | EPAB, JPAB, DWPI, TDBD | | | | |
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| (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) same (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and (@ad<=20010213) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
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| 375/\$8.ccls. or 370/\$8.ccls. or 348/\$8.ccls. or 341/\$8.ccls. or 711/\$8.ccls. or 701/\$8.ccls. or 381/\$8.ccls. | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | OR | YES | | 06-28-2014 |
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| <p>@ad<=20010213) or (((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write) or throughput\$) and @ad<=20010213) or (((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and @ad<=20010213))</p> | | | | | |
| <p>(((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write)) or (((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write) or throughput\$) and @ad<=20010213) or ((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and ((Lempel adj zif) or asymmetric) and ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and @ad<=20010213) or (((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and @ad<=20010213))</p> | <p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p> | <p>OR</p> | <p>YES</p> | | <p>06-28-2014</p> |
| <p>(((Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (bandwidth\$ or (read same write) or throughput\$) and @ad<=20010213 or (Selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) and ((Lempel adj zif) or asymmetric) and ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) and (throughput or bandwidth\$) and @ad<=20010213 or (((Lempel adj zif) or asymmetric) same ((table near2 based) or symmetric) and (data near3 (parameter or parameters or attribute or attributes or profile\$)) same (throughput or bandwidth\$) and @ad<=20010213)) and</p> | <p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p> | <p>OR</p> | <p>YES</p> | | <p>06-28-2014</p> |

| | | | | | |
|--|---|-----------|------------|--|-------------------|
| <p>((H04N9/8066 H04N19/00193 H04N19/00078 H04N2201/33357 H04N5/9261 H04L69/04 H04L47/38 H03M7/30 H03M7/3084 H03M7/40 H03M7/425 H03M7/46 G11B20/10527 H04W28/06 Y02B60/1225 Y10S707/99931 G09G2360/121).CPC. or (375/E7.088 375/240 375/240.01 375/E7.027 375/E7.245 375/240.25 375/242 386/355 341/50 382/232 382/166 382/246).CCLS. or (H04N7/26 H04N7/32 H04N9/804 H04N5/926 H03M7/30 H03M7/42 H04J3/18).IPCR.)</p> | | | | | |
| <p>("6604158" "6624761" "7161506" "7321937" "7352300" "7378992" "7395345" "7400274" "7415530" "7417568" "7714747" "7777651").PN.</p> | <p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p> | <p>OR</p> | <p>YES</p> | | <p>06-28-2014</p> |

| | | |
|--|--|---|
| Search Notes  | Application/Control No. 14134926 | Applicant(s)/Patent Under Reexamination FALLON ET AL. |
| | Examiner TESFALDET BOCURE | Art Unit 2634 |

| CPC- SEARCHED | | |
|--|-------------------|----------|
| Symbol | Date | Examiner |
| ((H03M7/30 H03M7 H03M7/3059 G06F17/30153 G06F2212/401 G06F12/0246 G06F17/30501 G06F3/0679 G06F3/0688 H04L69/04 Y10S707/99931 Y10S707/99942 H04W28/06 H04N1/00236 H04N2201/3283 G11C29/40 Y02B60/1225).C | 2/2 4/2 014 | TB |
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| CPC COMBINATION SETS - SEARCHED | | |
|---------------------------------|------|----------|
| Symbol | Date | Examiner |
| | | |

| US CLASSIFICATION SEARCHED | | | |
|-----------------------------------|--|-----------|----------|
| Class | Subclass | Date | Examiner |
| USPC Search in CPC | (707/E17.001 375/240 375/E7.094 370/477 711/E12.008 711/154 709/247 708/203).CCLS. | 2/24/2014 | TB |
| IPC Search in CPC | | 2/24/2014 | TB |
| 375, 348, 370, 341, 709, 711, 382 | Search ALL (\$.8.ccls.) | 2/24/2014 | TB |
| 375, 348, 370, 341, 709, 711, 382 | Search Updated ALL | 6/28/2014 | TB |
| 375, 348, 370, 341, 709, 711, 382 | Search Updated ALL | 9/17/2014 | TB |

| SEARCH NOTES | | |
|--------------|------|----------|
| Search Notes | Date | Examiner |
| | | |

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| | /TESFALDET BOCURE/ Primary Examiner.Art Unit 2634 |
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SEARCH NOTES

| Search Notes | Date | Examiner |
|--|-----------|----------|
| WEST and Inventor's Name Searched | 2/24/2014 | TB |
| WEST and Inventor's Name Searched | 6/28/2014 | TB |
| CPC Search Result for USPC and IPC: (375/E7.088 375/240 375/240.01 375/E7.027 375/E7.245 375/240.25 375/242 386/355 341/50 382/232 382/166 382/246).CCLS. or (H04N7/26 H04N7/32 H04N9/804 H04N5/926 H03M7/30 H03M7/42 H04J3/18).IPCR.) | 6/28/2014 | TB |
| WEST and Inventor's Name Searched | 9/17/2014 | TB |

INTERFERENCE SEARCH

| US Class/ CPC Symbol | US Subclass / CPC Group | Date | Examiner |
|-------------------------|-------------------------|-----------|----------|
| 375 | 240.01, 240.02 | 6/28/2014 | TB |
| 375 | 240.01, 240.02 | 9/17/2014 | TB |

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| | /TESFALDET BOCURE/ Primary Examiner.Art Unit 2634 |
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Electronic Acknowledgement Receipt

| | |
|---|--|
| EFS ID: | 19942650 |
| Application Number: | 14134926 |
| International Application Number: | |
| Confirmation Number: | 7069 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Customer Number: | 26111 |
| Filer: | Michael V. Messinger/Ann-Marie Fazekas |
| Filer Authorized By: | Michael V. Messinger |
| Attorney Docket Number: | 2855.0050008 |
| Receipt Date: | 22-AUG-2014 |
| Filing Date: | 19-DEC-2013 |
| Time Stamp: | 15:49:08 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$1340 |
| RAM confirmation Number | 2348 |
| Deposit Account | |
| Authorized User | |

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------|----------------------------------|------------------|------------------|
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Electronic Patent Application Fee Transmittal

| | |
|---|--|
| Application Number: | 14134926 |
| Filing Date: | 19-Dec-2013 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Filer: | Michael V. Messinger/Ann-Marie Fazekas |
| Attorney Docket Number: | 2855.0050008 |

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

| Description | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|--|----------|----------|--------|----------------------|
| Basic Filing: | | | | |
| Petition fee- 37 CFR 1.17(h) (Group III) | 1464 | 1 | 140 | 140 |
| Request for Continued Examination | 1801 | 1 | 1200 | 1200 |

Pages:

Claims:

Miscellaneous Filing:

0030150798

Petition Card Refund Total:

\$1200.00

Patent Appeals and Interference:

Post-Allowance and Post-Issuance:

Adjustment date: 09/23/2014 SDIRETA1
 08/25/2014 INTEFSW 00002348 14134926
 02 FC:1801 -1200.00 0P

Adjustment date: 09/23/2014 SDIRETA1
 08/25/2014 INTEFSW 00002348 14134926
 02 FC:1801 -1200.00 0P



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Table with 5 columns: APPLICATION NO., ISSUE DATE, PATENT NO., ATTORNEY DOCKET NO., CONFIRMATION NO.
14/134,926 10/21/2014 8867610 2855.0050008 7069

26111 7590 10/01/2014
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

REALTIME DATA LLC, Armonk, NY, Assignee (with 37 CFR 1.172 Interest);
James J. FALLON, Armonk, NY;
Stephen J. MCERLAIN, Astoria, NY;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

| | |
|--------------------|-------------|
| Application Number | Filing Date |
| | |

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

- I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 151145
- OR
- I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

- The address associated with the above-mentioned Customer Number
- OR
- The address associated with Customer Number:
- OR

| | | | | |
|--------------------------|-------------------------|-------|-----|--|
| <input type="checkbox"/> | Firm or Individual Name | | | |
| Address | | | | |
| City | | State | Zip | |
| Country | | | | |
| Telephone | | Email | | |

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Realtime Adaptive Streaming LLC

- Inventor or Joint Inventor (title not required below)
- Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

| | | | |
|-----------|--------------------------------|-----------------|-----------------|
| Signature | <i>[Handwritten Signature]</i> | Date (Optional) | <i>10/25/17</i> |
| Name | <i>Richard G. Tashjian</i> | | |
| Title | <i>Managing Member</i> | | |

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

| | |
|------------------------|--|
| Application Number | 14/134,926 |
| Filing Date | 12-19-2013 |
| First Named Inventor | James J. FALLON |
| Title | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| Art Unit | 2634 |
| Examiner Name | BOCURE, TESFALDET |
| Attorney Docket Number | 0013.0050008 |

| SIGNATURE of Applicant or Patent Practitioner | | | |
|---|----------------------|---------------------|--------|
| Signature | /Michael Messinger/ | Date (Optional) | |
| Name | Michael V. Messinger | Registration Number | 37,575 |
| Title (if Applicant is a juristic entity) | | | |
| Applicant Name (if Applicant is a juristic entity) | | | |
| <p>NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.</p> | | | |
| <p><input type="checkbox"/> *Total of _____ forms are submitted.</p> | | | |

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

| | |
|---|--|
| EFS ID: | 31160473 |
| Application Number: | 14134926 |
| International Application Number: | |
| Confirmation Number: | 7069 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Customer Number: | 26111 |
| Filer: | Michael V. Messinger/Casey Berger |
| Filer Authorized By: | Michael V. Messinger |
| Attorney Docket Number: | 2855.0050008 |
| Receipt Date: | 07-DEC-2017 |
| Filing Date: | 19-DEC-2013 |
| Time Stamp: | 15:16:49 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---------------------|--|------------------|------------------|
| 1 | Power of Attorney | 00130050008_POA.pdf | 292025 041f12ef2a4834c829eb7c7df9048d5629df e81e | no | 2 |

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Information:

| | |
|-------------------------------------|--------|
| Total Files Size (in bytes): | 292025 |
|-------------------------------------|--------|

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0050008 |

CONFIRMATION NO. 7069

MISCELLANEOUS NOTICE

26111
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005



Date Mailed: 12/13/2017

A communication which cannot be delivered in electronic form has been mailed to the applicant.


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| APPLICATION NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-------------|-----------------------|------------------------|
| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0050008 |

CONFIRMATION NO. 7069

26111
 STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
 1100 NEW YORK AVENUE, N.W.
 WASHINGTON, DC 20005



OC000000096080387

Cc: 151145
 SHAMI MESSINGER PLLC
 1000 POTOMAC STREET NW
 FIFTH FLOOR
 WASHINGTON, DC 20007

Date Mailed: 12/13/2017

DENIAL OF REQUEST FOR POWER OF ATTORNEY

The request for Power of Attorney filed 12/07/2017 is acknowledged. However, the request cannot be granted at this time for the reason stated below.


- The Power of Attorney you provided did not comply with the new Power of Attorney rules that became effective on June 25, 2004. See 37 CFR 1.32.
- The revocation is not signed by the applicant, the assignee of the entire interest, or one particular principal attorney having the authority to revoke.
- The Power of Attorney is from an assignee and the Certificate required by 37 CFR 3.73(c) has not been received.
- The person signing for the assignee has omitted their empowerment to sign on behalf of the assignee.
- The inventor(s) is without authority to appoint attorneys since the assignee has intervened as provided by 37 CFR 3.71.
- The signature(s) of _____ a co-inventor in this application, has been omitted. The Power of Attorney will be entered upon receipt of confirmation signed by said co-inventor(s).
- The person(s) appointed in the Power of Attorney is not registered to practice before the U.S. Patent and Trademark Office.

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

- Only one Customer Number can be designated for the Power of Attorney in an application. The Customer Number that was captured is the first Customer Number provided on the Power of Attorney document.
- A request under 37 CFR 1.48 to add an inventor was granted in this application, however, no power of attorney consistent with the power of attorney granted by the originally named inventive entity has been received. Thus, the addition of the inventor has resulted in the loss of power of attorney in the application. See 37 CFR 1.32(e).
- The power of attorney has not been accepted because the party who is giving power of attorney has not been identified. Power of attorney may only be signed by the applicant for patent (37 CFR 1.42) or the patent owner. A patent owner who was not the applicant must appoint any power of attorney in compliance with 37 CFR 3.71 and 3.73. See 37 CFR 1.32(b)(4).
- The power of attorney from the inventors has not been accepted because it is a copy from a prior national application for which benefit is claimed and the continuing application names an inventor who was not named as an inventor in the prior application.
- The power of attorney from the inventors has not been accepted because the power of attorney must be signed by the applicant for patent. See 37 CFR 1.32(b)(4).
- Any request to correct or update the name of the applicant must include an application data sheet (ADS) in compliance with 37 CFR 1.76 specifying the correct or updated name of the applicant in the applicant information section. Any request to change the applicant after an original applicant has been specified under 37 CFR 1.46(b) must include a new ADS in compliance with 37 CFR 1.76 specifying the applicant in the applicant information section and comply with 37 CFR 3.71 and 3.73. See 37 CFR 1.46(c).

Any inquiries regarding this notice should be directed to the Application Assistance Unit at 571-272-4200.



Application Assistance Unit
571-272-4200

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

| | |
|--------------------|-------------|
| Application Number | Filing Date |
| | |

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:

151145

OR

I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

The address associated with the above-mentioned Customer Number

OR

The address associated with Customer Number:

OR

Firm or Individual Name

| | | | | |
|-----------|-------|-----|--|--|
| Address | | | | |
| City | State | Zip | | |
| Country | | | | |
| Telephone | Email | | | |

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Realtime Adaptive Streaming LLC

- Inventor or Joint Inventor (title not required below)
- Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

| | | |
|------------------------------------|-----------------|----------|
| Signature | Date (Optional) | 10/25/17 |
| Name <i>Richard G. Tashjian</i> | | |
| Title <i>Managing Member</i> | | |

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

| | |
|------------------------|--|
| Application Number | 14/134,926 |
| Filing Date | 12-19-2013 |
| First Named Inventor | James J. FALLON |
| Title | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| Art Unit | 2634 |
| Examiner Name | BOCURE, TESFALDET |
| Attorney Docket Number | 0013.0050008 |

| SIGNATURE of Applicant or Patent Practitioner | | | |
|---|----------------------|---------------------|--------|
| Signature | /Michael Messinger/ | Date (Optional) | |
| Name | Michael V. Messinger | Registration Number | 37,575 |
| Title (if Applicant is a juristic entity) | | | |
| Applicant Name (if Applicant is a juristic entity) | | | |
| <p>NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.</p> | | | |
| <input type="checkbox"/> *Total of _____ forms are submitted. | | | |

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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| | | | |
|---|--|------------------------|--------------------------------------|
| Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | 2055.0050008 0013.0050008 |
| | | Application Number | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |
| The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application. | | | |

Secrecy Order 37 CFR 5.2:

| | |
|--------------------------|---|
| <input type="checkbox"/> | Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.) |
|--------------------------|---|

Inventor Information:

| | | | | | |
|--|------------|------------------|-------------|----------------------|--------|
| Inventor 1 | | | | | Remove |
| Legal Name | | | | | |
| Prefix | Given Name | Middle Name | Family Name | Suffix | |
| | James | J. | FALLON | | |
| Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service | | | | | |
| City | Armonk | State/Province | NY | Country of Residence | US |
| Mailing Address of Inventor: | | | | | |
| Address 1 | | 11 Wampus Close | | | |
| Address 2 | | | | | |
| City | Armonk | State/Province | NY | | |
| Postal Code | 10504 | Country i | US | | |
| Inventor 2 | | | | | Remove |
| Legal Name | | | | | |
| Prefix | Given Name | Middle Name | Family Name | Suffix | |
| | Stephen | J. | MCERLAIN | | |
| Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service | | | | | |
| City | Astoria | State/Province | NY | Country of Residence | US |
| Mailing Address of Inventor: | | | | | |
| Address 1 | | 2454 37th Street | | | |
| Address 2 | | #4F | | | |
| City | Astoria | State/Province | NY | | |
| Postal Code | 11103 | Country i | US | | |
| All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. | | | | | Add |

Correspondence Information:

| |
|---|
| Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a). |
|---|

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| | | | |
|---|--|-------------------------|---------------------|
| Application Data Sheet 37 CFR 1.76 | Attorney Docket Number | 0055.0050008 | <u>0013.0050008</u> |
| | Application Number | | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

An Address is being provided for the correspondence information of this application.

| | | | |
|-----------------|------------------|---------------|--|
| Customer Number | 20111 | <u>151145</u> | |
| Email Address | | | <input type="button" value="Add Email"/> <input type="button" value="Remove Email"/> |

Application Information:

| | | | |
|---|--|---|--|
| Title of the Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |
| Attorney Docket Number | 0055.0050008 | <u>0013.0050008</u> | Small Entity Status Claimed <input type="checkbox"/> |
| Application Type | Nonprovisional | | |
| Subject Matter | Utility | | |
| Total Number of Drawing Sheets (if any) | 4 | Suggested Figure for Publication (if any) | |

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

| Application number of the previously filed application | Filing date (YYYY-MM-DD) | Intellectual Property Authority or Country |
|--|--------------------------|--|
| | | |

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer number will be used for the Representative Information during processing.

| | | | |
|--------------------|--|--|---|
| Please Select One: | <input checked="" type="radio"/> Customer Number | <input type="radio"/> US Patent Practitioner | <input type="radio"/> Limited Recognition (37 CFR 11.9) |
| Customer Number | 20111 | <u>151145</u> | |

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| | | | |
|---|--|-------------------------|--------------|
| Application Data Sheet 37 CFR 1.76 | Attorney Docket Number | 2855.0050009 | 0013.0050008 |
| | Application Number | | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

| | | | | | |
|---|-------------------------------|--------------------------|------------------------------------|---------------|-------------------------|
| Prior Application Status | Patented | | Remove | | |
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) | Patent Number | Issue Date (YYYY-MM-DD) |
| | Continuation of | 14033245 | 2013-09-20 | 8934535 | 2015-01-13 |
| Prior Application Status | Patented | | Remove | | |
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) | Patent Number | Issue Date (YYYY-MM-DD) |
| 14033245 | Continuation of | 13154239 | 2011-06-06 | 8553759 | 2013-10-08 |
| Prior Application Status | Patented | | Remove | | |
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) | Patent Number | Issue Date (YYYY-MM-DD) |
| 13154239 | Continuation of | 12123081 | 2008-05-19 | 8073047 | 2011-12-06 |
| Prior Application Status | Patented | | Remove | | |
| Application Number | Continuity Type | Prior Application Number | Filing Date (YYYY-MM-DD) | Patent Number | Issue Date (YYYY-MM-DD) |
| 12123081 | Continuation of | 10076013 | 2002-02-13 | 7386046 | 2008-06-10 |
| Prior Application Status | Expired | | Remove | | |
| Application Number | Continuity Type | Prior Application Number | Filing or 371(c) Date (YYYY-MM-DD) | | |
| 10076013 | Claims benefit of provisional | 60268394 | 2001-02-13 | | |
| Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button. | | | | | |

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

| | | | |
|------------------------|----------------------|--------------------------|--|
| Remove | | | |
| Application Number | Country ¹ | Filing Date (YYYY-MM-DD) | Access Code ¹ (if applicable) |
| | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|--|------------------------|--------------------------------------|
| Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | 2855.0050008 0013.0050008 |
| | | Application Number | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

| | | | |
|---|--|-------------------------|--------------|
| Application Data Sheet 37 CFR 1.76 | Attorney Docket Number | 2855.0050009 | 0013.0050008 |
| | Application Number | | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|--|-------------------------|--------------|
| Application Data Sheet 37 CFR 1.76 | Attorney Docket Number | 2856.0050008 | 0013.0050008 |
| | Application Number | | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Assignee Legal Representative under 35 U.S.C. 117 Joint Inventor

Person to whom the inventor is obligated to assign. Person who shows sufficient proprietary interest

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here.

Organization Name ~~Realtime Data LLO~~ Realtime Adaptive Streaming LLC

Mailing Address Information For Applicant:

Address 1 ~~14 Weopus Close~~ 1828 ESE LOOP 323

Address 2

City ~~Amherst~~ Tyler State/Province ~~NY~~ TX

Country US Postal Code ~~16504~~ 75701

Phone Number Fax Number

Email Address

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

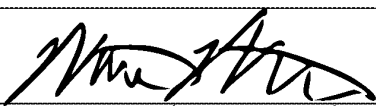
Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | |
|---|--|------------------------|-------------------------|---------------------|
| Application Data Sheet 37 CFR 1.76 | | Attorney Docket Number | 2855.0050008 | <u>0013.0050008</u> |
| | | Application Number | | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | | |

| | | | |
|--|--|----------------|--------------|
| Assignee 1 | | | |
| Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication. | | | |
| If the Assignee or Non-Applicant Assignee is an Organization check here. <input checked="" type="checkbox"/> | | | |
| Organization Name | <u>Realtime Adaptive Streaming LLC</u> | | |
| Mailing Address Information For Assignee including Non-Applicant Assignee: | | | |
| Address 1 | <u>1828 ESE LOOP 323</u> | | |
| Address 2 | | | |
| City | <u>Tyler</u> | State/Province | <u>TX</u> |
| Country ⁱ | <u>US</u> | Postal Code | <u>75701</u> |
| Phone Number | | Fax Number | |
| Email Address | | | |
| Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. | | | |

Signature:

| | | | | | |
|---|---|-----------|-------------------|---------------------|--------------|
| NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c). | | | | | |
| This Application Data Sheet must be signed by a patent practitioner if one or more of the applicants is a juristic entity (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, all joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of all joint inventor-applicants. | | | | | |
| See 37 CFR 1.4(d) for the manner of making signatures and certifications. | | | | | |
| Signature |  | | Date (YYYY-MM-DD) | 2017-12-22 | |
| First Name | <u>Michael</u> | Last Name | <u>Messenger</u> | Registration Number | <u>37575</u> |
| Additional Signature may be generated within this form by selecting the Add button. | | | | | |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|--|-------------------------|---------------------|
| Application Data Sheet 37 CFR 1.76 | Attorney Docket Number | 2855.0050008 | <u>0013.0050008</u> |
| | Application Number | | |
| Title of Invention | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION | | |

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the international Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: Realtime Data LLCApplication No./Patent No.: 8,867,610 Filed/Issue Date: 10-21-2014Titled: SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTIONRealtime Adaptive Streaming LLC, a Limited Liability Company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. The assignee of the entire right, title, and interest.
2. An assignee of less than the entire right, title, and interest (check applicable box):
- The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: FALLON, JAMES J. et al. To: REALTIME DATA LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 031838, Frame 0257, or for which a copy thereof is attached.2. From: REALTIME DATA LLC To: REALTIME ADAPTIVE STREAMING LLC

The document was recorded in the United States Patent and Trademark Office at

Reel 041573, Frame 0683, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Michael Messinger/

Signature

Michael V. Messinger

Printed or Typed Name

December 20, 2017

Date

37,575

Title or Registration Number

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

| | |
|---|--|
| EFS ID: | 31323617 |
| Application Number: | 14134926 |
| International Application Number: | |
| Confirmation Number: | 7069 |
| Title of Invention: | SYSTEM AND METHODS FOR VIDEO AND AUDIO DATA DISTRIBUTION |
| First Named Inventor/Applicant Name: | James J. FALLON |
| Customer Number: | 26111 |
| Filer: | Michael V. Messinger/Casey Berger |
| Filer Authorized By: | Michael V. Messinger |
| Attorney Docket Number: | 2855.0050008 |
| Receipt Date: | 22-DEC-2017 |
| Filing Date: | 19-DEC-2013 |
| Time Stamp: | 15:55:53 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---------------------|--|------------------|------------------|
| 1 | Power of Attorney | 00130050008_POA.pdf | 292025 041f12ef2a4834c829eb7c7df9048d5629df e81e | no | 2 |

Warnings:

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

Information:

| | | | | | |
|---|------------------------|---------------------|--|----|---|
| 2 | Application Data Sheet | 00130050008_ADS.pdf | 140783 | no | 9 |
| | | | 591e6a1a223524490f4f2402d79dfea044a40212 | | |

Warnings:

Information:

This is not an USPTO supplied ADS fillable form

| | | | | | |
|---|---|---------------------|--|----|---|
| 3 | Assignee showing of ownership per 37 CFR 3.73 | 00130050008_373.pdf | 119858 | no | 3 |
| | | | 6b8dd8e449a1403ffff438fe945c3c71ced26bcb | | |

Warnings:

Information:

| | |
|-------------------------------------|--------|
| Total Files Size (in bytes): | 552666 |
|-------------------------------------|--------|

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 14/134,926 | 12/19/2013 | James J. FALLON | 2855.0050008 |

CONFIRMATION NO. 7069

POWER OF ATTORNEY NOTICE

26111
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
1100 NEW YORK AVENUE, N.W.
WASHINGTON, DC 20005



Date Mailed: 12/29/2017

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 12/22/2017.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/yfeferra/



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
|--------------------|-----------------------|-----------------------|------------------------|

14/134,926

12/19/2013

James J. FALLON

2855.0050008

CONFIRMATION NO. 7069

POA ACCEPTANCE LETTER

151145
Shami Messinger PLLC
1000 Potomac Street NW
Fifth Floor
Washington, DC 20007



Date Mailed: 12/29/2017

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 12/22/2017.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/yfeferra/

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| TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 | REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK |
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Colorado District Court on the following

Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

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| DOCKET NO. 17cv2097 | DATE FILED 8/31/2017 | U.S. DISTRICT COURT Colorado District Court |
| PLAINTIFF Realtime Data LLC | | DEFENDANT Sling TV |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 8,275,897 | | |
| 2 8,867,610 | | |
| 3 8,934,535 | | |
| 4 | | |
| 5 | | |

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

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| DATE INCLUDED | INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK |
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In the above—entitled case, the following decision has been rendered or judgement issued:

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| DECISION/JUDGEMENT |
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**Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy**

AO 120 (Rev. 08/10)

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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas, Tyler Division on the following
 Trademarks or Patents. (the patent action involves 35 U.S.C. § 292.);

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| DOCKET NO. 6:17cv567 | DATE FILED 10/10/2017 | U.S. DISTRICT COURT Eastern District of Texas, Tyler Division |
| PLAINTIFF REALTIME ADAPTIVE STREAMING LLC | | DEFENDANT ECHOSTAR TECHNOLOGIES L.L.C., DISH NETWORK L.L.C., AND ARRIS GROUP, INC., |
| PATENT OR TRADEMARK NO. | DATE OF PATENT OR TRADEMARK | HOLDER OF PATENT OR TRADEMARK |
| 1 8,867,610 | 10/21/2014 | REALTIME ADAPTIVE STREAMING LLC |
| 2 8,934,535 | 1/13/2015 | REALTIME ADAPTIVE STREAMING LLC |
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