

Electronic Patent Application Fee Transmittal

Application Number:	14876276
Filing Date:	06-Oct-2015
Title of Invention:	Video Data Compression Systems
First Named Inventor/Applicant Name:	James J. FALLON
Filer:	Michael V. Messinger/William Flanigen
Attorney Docket Number:	3421.005000C

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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

EFS ID:	24786023
Application Number:	14876276
International Application Number:	
Confirmation Number:	3403
Title of Invention:	Video Data Compression Systems
First Named Inventor/Applicant Name:	James J. FALLON
Customer Number:	26111
Filer:	Michael V. Messinger/William Flanigen
Filer Authorized By:	Michael V. Messinger
Attorney Docket Number:	3421.005000C
Receipt Date:	01-FEB-2016
Filing Date:	06-OCT-2015
Time Stamp:	18:11:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$180
RAM confirmation Number	5264
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

IPR2018-01413

Sony EX1002 Page 1270

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		3421005000C_3SIDS.pdf	1927599 c0e49b4df8a68d1acb88f02af7249852cb7e8b20	yes	13
Multipart Description/PDF files in .zip description					
	Document Description		Start	End	
	Miscellaneous Incoming Letter		1	1	
	Transmittal Letter		2	8	
	Information Disclosure Statement (IDS) Form (SB08)		9	13	
Warnings:					
Information:					
2	Foreign Reference	FP1_WO9819450.pdf	22639052 da7f8e2949dd076dc6e47142bebdd627b96606ea	no	521
Warnings:					
Information:					
3	Non Patent Literature	NPL1_Adoption_of_Magistrate_Judge_Report_01212016.pdf	161998 d72f1f2313f10cc1a1b96bea1bf573319e690f64	no	4
Warnings:					
Information:					
4	Non Patent Literature	NPL2_Invalidity_Contentions_1_2042015.pdf	421088 abb1939b11ee040510aaf52f669dbbd83b2884c1	no	138
Warnings:					
Information:					
5	Non Patent Literature	NPL3_Invalidity_Contentions_A_Exhibits_12042015.pdf	4755869 63b47dcec842ed7a3deb7bb0e9c625db23bdc3cd	no	743
Warnings:					
Information:					
6	Non Patent Literature	NPL4_Invalidity_Contentions_B_Exhibits_12042015.pdf	5963669 8beb07705c7616246b1ccd35c9e13542489bf56d	no	506

Warnings:					
Information:					
7	Non Patent Literature	NPL5_Invalidity_Contentions_C_Exhibits_12042015.pdf	13073654 67d8813b18f6bd52fb4477f67a895fb0ddc2d8f3	no	1445
Warnings:					
Information:					
8	Non Patent Literature	NPL6_Invalidity_Contentions_D_Exhibits_12042015.pdf	7235650 fb67c9dc76a8d7aee54513e35b560398a510bce0	no	1052
Warnings:					
Information:					
9	Non Patent Literature	NPL7_Invalidity_Contentions_E_Exhibits_12042015.pdf	12056354 11fcb9db61409882ed6c51aa21ee9f70fb0650fb	no	1205
Warnings:					
Information:					
10	Non Patent Literature	NPL8_Katz_1996.pdf	1104369 4c332a4db25dc225ce0eecd2c4e64900aebdce73	no	6
Warnings:					
Information:					
11	Non Patent Literature	NPL9_Prov_Appl_60100671.pdf	1715416 06e70e86cf1ed0348220893935a013b66e824a47	no	50
Warnings:					
Information:					
12	Non Patent Literature	NPL10_Welch_1984.pdf	6610422 15957c2a8dc85e5066e393da9ab70883876521ea	no	12
Warnings:					
Information:					
13	Non Patent Literature	NPL11_iMatix_Internet_Archive_05201998.pdf	125152 146558cdf223dc9942eb746e35ef997dcbf8356e	no	1
Warnings:					
Information:					
14	Non Patent Literature	NPL12_iMatix_Internet_Archive_01101998.pdf	109142 a9486edbb3b68c177982e24fb1c63caae9f2bdd5	no	1
Warnings:					
Information:					
15	Non Patent Literature	NPL13_iMatix_Internet_Archive_01091998.pdf	109415 6cb3ac922228fc9800a4a6f1f6f54b00e9333ab	no	1

IPR2018-01413

Warnings:					
Information:					
16	Non Patent Literature	NPL14_iMatix_Internet_Archiv e_10141997.pdf	100532 178cd8a1a11fc94a32d406b172c0e84aa4f9 4a01	no	1
Warnings:					
Information:					
17	Non Patent Literature	NPL15_iMatix_Internet_Archiv e_06291997.pdf	171740 bfbf39cbf088f9beab00d587863a420be09b a407	no	2
Warnings:					
Information:					
18	Non Patent Literature	NPL16_iMatix_Internet_Archiv e_04161997.pdf	161919 335471069489cdba0218af88ffc66fdffe075 48c	no	2
Warnings:					
Information:					
19	Non Patent Literature	NPL17_iMatix_Internet_Archiv e_12211996.pdf	177877 c585d641ca9169ae392d4eeb2f5441f7e3d6 0f62	no	2
Warnings:					
Information:					
20	Non Patent Literature	NPL18_iMatix_Internet_Archiv e_11061996.pdf	187844 f415e86b5589a6f5ded0deb70816403b95f 8a812	no	2
Warnings:					
Information:					
21	Non Patent Literature	NPL19_Legacy_iMatix_Newslet ter_091998.pdf	682811 1dc18f1fd3ebf5d92f7b86f7e60328a4446e 87bd	no	9
Warnings:					
Information:					
22	Non Patent Literature	NPL20_Legacy_iMatix_Newslet ter_041998.pdf	674363 1e5149a6a9c00d148a4bd8ee66e398981b8 03744	no	8
Warnings:					
Information:					
23	Non Patent Literature	NPL21_Legacy_iMatix_Newslet ter_011998.pdf	578206 81624acf1a5cc1ec2ae0f693313d64c47101 9ad3	no	7
Warnings:					
Information:					
24	Non Patent Literature	NPL22_Legacy_iMatix_Newslet ter_081997.pdf	581593 baa35df686477292f70f2a90f39f341d4f5 6d4f	no	8

Warnings:					
Information:					
25	Non Patent Literature	NPL23_Legacy_iMatix_Newsletter_061997.pdf	456074 f64a685ce38b1fb3d5308baf1c9d29909151f552	no	6
Warnings:					
Information:					
26	Non Patent Literature	NPL24_Legacy_iMatix_Newsletter_021997.pdf	660568 3bfb48a453b58d6f77dca69241c7e7d028ce3e0	no	9
Warnings:					
Information:					
27	Non Patent Literature	NPL25_SEAS_UPenn_Internet_Archive_10051999.pdf	263635 0ff6c7c6f60a46e34b7a70aa3697384d4a72270	no	2
Warnings:					
Information:					
28	Non Patent Literature	NPL26_SEAS_UPenn_Internet_Archive_01182000.pdf	258314 ae019ef5577c30323bf85c63dcbefae4dfa57333	no	2
Warnings:					
Information:					
29	Non Patent Literature	NPL27_SEAS_UPenn_Internet_Archive_01192000.pdf	555784 17edc7aa101c7276d782ef93c138c99b6454d170	no	4
Warnings:					
Information:					
30	Non Patent Literature	NPL28_XMill_Internet_Archive_03102000.pdf	596277 a06ed58c636f2802008ad1ec56d80d90ba6daa7c	no	12
Warnings:					
Information:					
31	Non Patent Literature	NPL29_XMill_Internet_Archive_08312000.pdf	103641 7896e5fc136f377348e1250e8a73662d389a88ea	no	2
Warnings:					
Information:					
32	Non Patent Literature	NPL30_XMill_Internet_Archive_09252000.pdf	31732 0b5810b62e532fc754685c46daf4e4088696aa94	no	1
Warnings:					
Information:					
33	Non Patent Literature	NPL31_Liefke_2000.pdf	2263308 05cff9351aed6913c1d9c2f136914501f6f262	no	26

IPR2018-01413

Warnings:					
Information:					
34	Non Patent Literature	NPL32_XMill_UM_1999.pdf	48426	no	16
			938a9dad6778c340352472fa5a5232831c32ab9		
Warnings:					
Information:					
35	Fee Worksheet (SB06)	fee-info.pdf	30303	no	2
			1d7624e312e72b8baa49b5e7cf6cd43f45d2d89		
Warnings:					
Information:					
Total Files Size (in bytes):				86593796	
<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



February 1, 2016

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

Confirmation No. 3403
Art Unit 2634
Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 14/876,276; Filing Date: October 6, 2015
For: **Video Data Compression Systems**
Inventors: FALLON *et al.*
Our Ref: 3421.005000C

Commissioner:

Transmitted herewith for appropriate action are the following documents:

1. Online Credit Card Payment Authorization in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p);
2. Third Supplemental Information Disclosure Statement;
3. Form PTO/SB/08a (1 sheet) listing 18 documents (**US1-US17** and **FP1**);
4. Form PTO/SB/08b (4 sheets) listing 32 documents (**NPL1-NPL32**); and
5. Copies of cited documents (**FP1** and **NPL1-NPL32**).

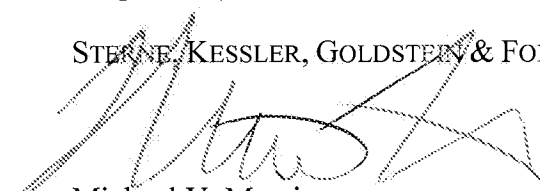
The above-listed documents are filed electronically through EFS-Web.

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/JXR/wcf
Enclosures

2763247_1.DOCX

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FALLON *et al.*

Applicant: Realtime Data, LLC

Application No.: 14/876,276

Filing Date: October 6, 2015

Title: **Video Data Compression Systems**

Confirmation No.: 3403

Art Unit: 2634

Examiner: BOCURE, TESFALDET

Atty. Docket: 3421.005000C

Third Supplemental Information Disclosure Statement

Mail Stop Amendment

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

Proceeding	Status
Inter Partes Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517)	Appeal to the Court of Appeals for the Federal Circuit dismissed 6/4/2015
Inter Partes Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544)	Decision on Appeal mailed 10/29/2015

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
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922)	Inter Partes Reexamination Certificate issued 12/05/2013
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923)	Inter Partes Reexamination Certificate issued 04/17/2015
Inter Partes Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924)	Inter Partes Reexamination Certificate issued 08/04/2014
Inter Partes Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925)	Inter Partes Reexamination Certificate issued 11/03/2014
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926)	Inter Partes Reexamination Certificate issued 01/08/2014
Inter Partes Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927)	Inter Partes Reexamination Certificate issued 08/16/2013
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928)	Inter Partes 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.

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

Proceeding	Patent	Status
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00373	7,378,992	Petition filed December 22, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00374	8,643,513	Petition filed December 22, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00375	7,415,530	Petition filed December 28, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00376	7,415,530	Petition filed December 28, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00377	9,116,908	Petition filed December 28, 2015

Applicant invites the Examiner to review the petitions for *inter partes* review and any other papers in the above-identified *inter partes* review proceedings. If the Examiner is unable to obtain copies of papers in any *inter partes* review 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.

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)	Case Terminated 11/9/2012; 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)	Case Terminated 11/9/2012; 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) (transferred from E.D. Texas; No. 6:09-cv-00327-LED)	Case Terminated 11/9/2012; Opinion of the Court of Appeals for the 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

11	<i>Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al.</i> , No. 4:14-cv-00827 (E.D. Texas)	Dismissed May 1, 2015
12	<i>Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al.</i> , No. 6:15-cv-00463 (E.D. Texas)	Amended Complaints for Patent Infringement filed September 14, 2015
13	<i>Realtime Data, LLC d/b/a IXO v. Dropbox, Inc.</i> , No. 6:15-cv-00465 (E.D. Texas)	Transferred to the Northern District of California, January 16, 2016
14	<i>Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al.</i> , No. 6:15-cv-00466 (E.D. Texas)	Consolidated with Case No. 12
15	<i>Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al.</i> , No. 6:15-cv-00468 (E.D. Texas)	Consolidated with Case No. 12
16	<i>Realtime Data, LLC d/b/a IXO v. BMC Software, Inc.</i> , No. 6:15-cv-00464 (E.D. Texas)	Terminated October 5, 2015
17	<i>Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al.</i> , No. 6:15-cv-00467 (E.D. Texas)	Consolidated with Case No. 12
18	<i>Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al.</i> , No. 6:15-cv-00469 (E.D. Texas)	Consolidated with Case No. 12
19	<i>Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al.</i> , No. 6:15-cv-00470 (E.D. Texas)	Transferred to the Northern District of California, January 19, 2016
20	<i>Realtime Data, LLC d/b/a IXO v. Apple, Inc.</i> , No. 6:15-cv-00885 (E.D. Texas)	Complaint filed October 6, 2015

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.

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 **FP1** and **NPL1-NPL32** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2)(ii), no copies of the U.S. patents and patent application publications cited as documents **US1-US17** on the attached IDS Forms are submitted.

It is expected that the examiner will review the prosecution and cited art in the parent application nos. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19, 2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442);

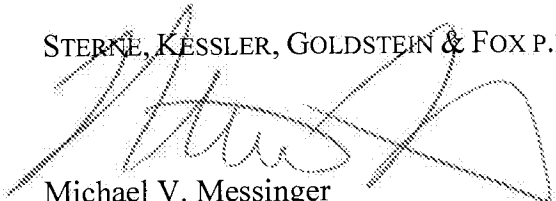
14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); and 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046), in accordance with MPEP 2001.06(b), 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 Applicant
Registration No. 37,575

Date:

February 1, 2016

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

2763240_1.DOCX

Atty. Dkt. No. 3421.005000C



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.
14/876,276 10/06/2015 James J. FALLON 3421.005000C 3403

26111 7590 01/28/2016
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

MAIL DATE DELIVERY MODE

01/28/2016

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.

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This office action (First Action on the Merit) is in response to the application as originally filed on 10/06/2015 and the preliminary amendment filed on 12/11/2015. The pending claims 1-30 are fully examined as shown in the detail action below.

Information Disclosure Statement

3. The information disclosure statements (IDSs) submitted on 10/30/2015 (four different communications filed separately on the same date), 12/11/2015 (two different communications filed separately on the same date) and 01/11/2016 (two different communications filed separately on the same date) are 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 and the noted correspondences regarding the IDSs.

Drawings

4. The drawings were received on 08/08/2015. These drawings are accepted by the Examiner .

Art Unit: 2634

Specification

5. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. ***The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.***

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

It seems the disclosure is describing the claimed subject matter of the parent application not the claimed and disclosed invention of the instant application, therefore, should be corrected to reflect to the current disclosed invention.

6. The disclosure is objected to because of the following informalities: the parent application S/N 14/577,286 disclosed in ¶ [0001], line 2, should be updated as--- now abandoned---

Appropriate correction is required.

Claim Objections

7. Claims 1-30 are objected to because of the following informalities: Is the claimed "video data" in claim 1, line 9 and claim 19, line 13, the same as the "video data" claimed in the preamble of the claims? If so, the once in lines 9 and 13 of claims 1 and 19 respectively should be amended to read as---said video data---. Otherwise as

Art Unit: 2634

claimed, it reads that there two deferent videos, the once in the preamble and the once in lines 9 and 13 of claims 1 and 19 respectively. Appropriate correction is required.

Claims 2-18 and 20-30 are inherently objected as being dependent on the objected base claims 1 and 19.

Claim Rejections - 35 USC § 112

8. The following is a quotation of 35 U.S.C. 112(b):
(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

The following is a quotation of 35 U.S.C. 112 (pre-AIA), second paragraph:
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

9. Claims 1-30 are rejected under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the inventor or a joint inventor, or for pre-AIA the applicant regards as the invention.

Claims 1 and 19 are incomplete such that the claimed limitations in both claims calls for selecting one or more data compression algorithms without using the selected algorithm to compress the video data. Examiner suggest to add “compressing the video data using the selected algorithm” or any similar limitation as appropriate.

Claims 2-18 and 20-30 are inherently rejected as being dependent on the rejected base claims.

Allowable Subject Matter

10. Claims 1 and 19 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), 2nd paragraph, set forth in this Office action.

11. Claims 2-18 and 20-30 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112(b) or 35 U.S.C. 112 (pre-AIA), 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Conclusion

12. 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 8:30am-to-5:00pm.

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

Substitute for form 1449/PTO				<i>Complete if Known</i>	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2634
				Examiner Name	BOCURE, TESFALDET
				Attorney Docket Number	2855.005000C
Sheet	1	of	3		

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	Defendants' Objections to the Report and Recommendation of Magistrate Judge (ECF No. 184), filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed December 15, 2015; 13 pages.	
	NPL2	Plaintiff Realtime Data LLC's Response to SAP Defendants' Objections to Magistrate Judge Love's Report and Recommendation on Defendants' Motion to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed January 4, 2016; 11 pages.	
	NPL3	Petition for Inter Partes Review of Claim 48 of U.S. Patent No. 7,378,992, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00373 (P.T.A.B.), filed December 22, 2015; 69 pages.	
	NPL4	Petition for Inter Partes Review of Claims 1, 2, 4, 6, 11-16, 18-20, 22 of U.S. Patent No. 8,643,513, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00374 (P.T.A.B.), filed December 22, 2015; 68 pages.	
	NPL5	Petition for Inter Partes Review of Claims 1-2, 4, 10-12, 18-20 of U.S. Patent No. 7,415,530, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00375 (P.T.A.B.), filed December 22, 2015; 62 pages.	
	NPL6	Petition for Inter Partes Review of Claim 24 of U.S. Patent No. 7,415,530, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00376 (P.T.A.B.), filed December 22, 2015; 68 pages.	
	NPL7	Petition for Inter Partes Review of Claims 1-2, 9, 11, 21-22, 24-25 of U.S. Patent No. 9,116,908, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00377 (P.T.A.B.), filed December 22, 2015; 65 pages.	
	NPL8	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00373 (P.T.A.B.), filed December 22, 2015; 102 pages.	
	NPL9	HSU, et al., "Automatic Synthesis of Compression Techniques for Heterogeneous Files," Software - Practice and Experience, Vol. 25, Issue 10, October 1995; pp. 1097-1116.	
	NPL10	STORER, J., Data Compression Methods and Theory, Rockville, MD: Computer Science Press, 1988.	

Examiner Signature	/Tefaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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

Substitute for form 1449/PTO		<i>Complete if Known</i>	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2634
		Examiner Name	BOCURE, TESFALDET
		Attorney Docket Number	2855.005000C
Sheet	2	of	3

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
	NPL11	HUFFMAN, D., "A Method for the Construction of Minimum-Redundancy Codes," Proceedings of the I.R.E., September 1952, pp. 1098-1101.	
	NPL12	ZIV, et al., "A Universal Algorithm for Sequential Data Compression," IEEE Transactions on Information Theory, Vol. IT-23, No. 3, May 1977; 337-343.	
	NPL13	ZIV, et al., "Compression of Individual Sequences via Variable-Rate Coding," IEEE Transactions on Information Theory, Vol. IT-24, No. 5, September 1978; 530-536.	
	NPL14	First Amended Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas), filed April 11, 2011; 15 pages.	
	NPL15	Joint Motion to Stay All Pending Deadlines Between Plaintiff Realtime Data, LLC d/b/a IXO and Defendant Cellco Partnership d/b/a Verizon Wireless, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas)	
	NPL16	Joint Motion for Dismissal with Prejudice of Defendant Cellco Partnership d/b/a Verizon Wireless, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas), filed October 17, 2012; 2 pages.	
	NPL17	Order regarding Joint Motion for Dismissal with Prejudice, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas), filed October 19, 2012; 1 page.	
	NPL18	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00374 (P.T.A.B.), filed December 22, 2015; 118 pages.	
	NPL19	Submission Under 37 C.F.R. 1.114(c) and Preliminary Amendment Under 37 C.F.R. 1.115, filed October 10, 2013, in the prosecution of U.S. Patent Appl. No. 13/154,211; 10 pages.	
	NPL20	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00375 (P.T.A.B.), filed December 28, 2015; 82 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

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	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2634
		Examiner Name	BOCURE, TESFALDET
		Attorney Docket Number	2855.005000C
Sheet	3	of	3

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
	NPL21	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00376 (P.T.A.B.), filed December 28, 2015; 86 pages.	
	NPL22	Definition of "bandwidth", Random House Computer & Internet Dictionary, Third Edition, New York: Random House, 1999; p. 45.	
	NPL23	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00377 (P.T.A.B.), filed December 28, 2015; 83 pages.	
	NPL24	Third Party Requester's Comments to Patent Owner's Response of June 25, 2012 Pursuant to 37 C.F.R. 1.947, Inter Partes Reexamination of U.S. Patent No. 7,378,992, Control No. 95/001,928, filed July 25, 2012; 21 pages.	
	NPL25	Defendant Apple, Inc.'s Answer and Affirmative Defenses to Plaintiff's Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Apple, Inc., Case No. 6:15-cv-RWS-JDL (E.D. Texas), filed December 17, 2015; 10 pages.	

2753385_1.DOCX

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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./ 01/23/2016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FALLON *et al.*

Applicant: Realtime Data, LLC

Application No.: 14/876,276

Filing Date: October 6, 2015

Title: **Video Data Compression Systems**

Confirmation No.: 3403

Art Unit: 2634

Examiner: BOCURE, TESFALDET

Atty. Docket: 2855.005000C

Second Supplemental Information Disclosure Statement***Mail Stop Amendment***

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

/Tesfaldet Bocure/

01/23/2016

Proceeding	Status
Inter Partes Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517)	Appeal to the Court of Appeals for the Federal Circuit dismissed 6/4/2015
Inter Partes Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544)	Decision on Appeal mailed 10/29/2015

Applicant hereby calls 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
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922)	Inter Partes Reexamination Certificate issued 12/05/2013
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923)	Inter Partes Reexamination Certificate issued 04/17/2015
Inter Partes Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924)	Inter Partes Reexamination Certificate issued 08/04/2014
Inter Partes Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925)	Inter Partes Reexamination Certificate issued 11/03/2014
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926)	Inter Partes Reexamination Certificate issued 01/08/2014
Inter Partes Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927)	Inter Partes Reexamination Certificate issued 08/16/2013
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928)	Inter Partes 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

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855,005000C

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.

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

Proceeding	Patent	Status
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00373	7,378,992	Petition filed December 22, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00374	8,643,513	Petition filed December 22, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00375	7,415,530	Petition filed December 28, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00376	7,415,530	Petition filed December 28, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00377	9,116,908	Petition filed December 28, 2015

Applicant invites the Examiner to review the petitions for *inter partes* review and any other papers in the above-identified *inter partes* review proceedings. If the Examiner is unable to obtain copies of papers in any *inter partes* review 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 *inter partes* reviews are listed as documents **US1** and **NPL3-NPL24**.

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

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)	Case Terminated 11/9/2012; 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)	Case Terminated 11/9/2012; 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) (transferred from E.D. Texas; No. 6:09-cv-00327-LED)	Case Terminated 11/9/2012; Opinion of the Court of Appeals for the 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

/Tsfaidet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

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
11	<i>Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al.</i> , No. 4:14-cv-00827 (E.D. Texas)	Dismissed May 1, 2015
12	<i>Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al.</i> , No. 6:15-cv-00463 (E.D. Texas)	Amended Complaints for Patent Infringement filed September 14, 2015
13	<i>Realtime Data, LLC d/b/a IXO v. Dropbox, Inc.</i> , No. 6:15-cv-00465 (E.D. Texas)	Consolidated with Case No. 12
14	<i>Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al.</i> , No. 6:15-cv-00466 (E.D. Texas)	Consolidated with Case No. 12
15	<i>Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al.</i> , No. 6:15-cv-00468 (E.D. Texas)	Consolidated with Case No. 12
16	<i>Realtime Data, LLC d/b/a IXO v. BMC Software, Inc.</i> , No. 6:15-cv-00464 (E.D. Texas)	Terminated October 5, 2015
17	<i>Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al.</i> , No. 6:15-cv-00467 (E.D. Texas)	Consolidated with Case No. 12
18	<i>Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al.</i> , No. 6:15-cv-00469 (E.D. Texas)	Consolidated with Case No. 12
19	<i>Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al.</i> , No. 6:15-cv-00470 (E.D. Texas)	Consolidated with Case No. 12
20	<i>Realtime Data, LLC d/b/a IXO v. Apple, Inc.</i> , No. 6:15-cv-00885 (E.D. Texas)	Complaint filed October 6, 2015

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.

Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Copies of documents **NPL1-NPL25** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2)(ii), no copy of the U.S. patent cited as document **US1** on the attached IDS Form is submitted.

It is expected that the examiner will review the prosecution and cited art in the parent application nos. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19, 2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442); 14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No.

/Tesdalet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

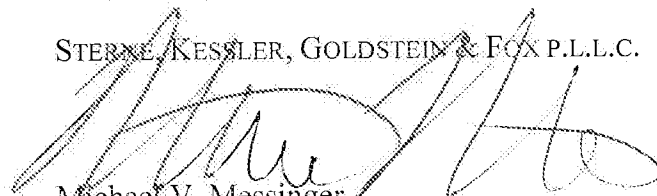
8,073,047); and 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046), in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

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 Applicant
Registration No. 37,575

Date:

January 11, 2016


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

2753386_1.DOCX

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

Index of Claims 	Application/Control No. 14876276	Applicant(s)/Patent Under Reexamination FALLON ET AL.
	Examiner TESFALDET BOCURE	Art Unit 2634

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

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	01/23/2016							
	1	✓							
	2	✓							
	3	✓							
	4	✓							
	5	✓							
	6	✓							
	7	✓							
	8	✓							
	9	✓							
	10	✓							
	11	✓							
	12	✓							
	13	✓							
	14	✓							
	15	✓							
	16	✓							
	17	✓							
	18	✓							
	19	✓							
	20	✓							
	21	✓							
	22	✓							
	23	✓							
	24	✓							
	25	✓							
	26	✓							
	27	✓							
	28	✓							
	29	✓							
	30	✓							

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FALLON *et al.*

Applicant: Realtime Data, LLC

Application No.: 14/876,276

Filing Date: October 6, 2015

Title: Video Data Compression Systems

Confirmation No.: 3403

Art Unit: 2668

Examiner: To Be Assigned

Atty. Docket: 2855.005000C

Information Disclosure Statement

Mail Stop Amendment

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
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486)	Inter Partes Reexamination Certificate issued 10/10/2012
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466)	Inter Partes Reexamination Certificate issued 05/15/2012
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453)	Terminated
Ex Parte Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428)	Ex Parte Reexamination Certificate issued 02/28/2012
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478)	Inter Partes Reexamination Certificate issued 10/04/2012
Inter Partes Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464)	Inter Partes Reexamination Certificate issued 06/12/2012
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479)	Inter Partes Reexamination Certificate issued 05/22/2012
Inter Partes Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517)	Appeal to the Court of Appeals for the Federal Circuit dismissed 6/4/2015

Proceeding	Status
Inter Partes Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544)	Decision on Appeal mailed 10/29/2015

Applicant hereby calls 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
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922)	Inter Partes Reexamination Certificate issued 12/05/2013
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923)	Inter Partes Reexamination Certificate issued 04/17/2015
Inter Partes Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924)	Inter Partes Reexamination Certificate issued 08/04/2014
Inter Partes Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925)	Inter Partes Reexamination Certificate issued 11/03/2014
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926)	Inter Partes Reexamination Certificate issued 01/08/2014
Inter Partes Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927)	Inter Partes Reexamination Certificate issued 08/16/2013
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928)	Inter Partes 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 reexaminations are listed as documents NPL670-NPL840 and NPL875-NPL922.

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

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)	Case Terminated 11/9/2012; 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)	Case Terminated 11/9/2012; 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) (transferred from E.D. Texas; No. 6:09-cv-00327-LED)	Case Terminated 11/9/2012; Opinion of the Court of Appeals for the 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

/Tsfaldet Bocure/

01/23/2016 Atty. Dkt. No. 2855.005000C

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
11	<i>Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al.</i> , No. 4:14-cv-00827 (E.D. Texas)	Dismissed May 1, 2015
12	<i>Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al.</i> , No. 6:15-cv-00463 (E.D. Texas)	Amended Complaints for Patent Infringement filed September 14, 2015
13	<i>Realtime Data, LLC d/b/a IXO v. Dropbox, Inc.</i> , No. 6:15-cv-00465 (E.D. Texas)	Consolidated with Case No. 12
14	<i>Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al.</i> , No. 6:15-cv-00466 (E.D. Texas)	Consolidated with Case No. 12
15	<i>Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al.</i> , No. 6:15-cv-00468 (E.D. Texas)	Consolidated with Case No. 12
16	<i>Realtime Data, LLC d/b/a IXO v. BMC Software, Inc.</i> , No. 6:15-cv-00464 (E.D. Texas)	Terminated October 5, 2015
17	<i>Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al.</i> , No. 6:15-cv-00467 (E.D. Texas)	Consolidated with Case No. 12
18	<i>Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al.</i> , No. 6:15-cv-00469 (E.D. Texas)	Consolidated with Case No. 12
19	<i>Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al.</i> , No. 6:15-cv-00470 (E.D. Texas)	Consolidated with Case No. 12
20	<i>Realtime Data, LLC d/b/a IXO v. Apple, Inc.</i> , No. 6:15-cv-00885 (E.D. Texas)	Complaint filed October 6, 2015

Court dockets for litigations are submitted herewith as documents **NPL431**, **NPL566-572**, and **NPL948-NPL957**.

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.

01/23/2016

/Tsfaldet Bocure/

Atty. Dkt. No. 2855.005000C

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.

Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Concise explanations of the relevance of the non-English language documents appear below in accordance with 37 C.F.R. § 1.98(a)(3).

Document **FP1** (DE 4127518) is in the German language. An English-language abstract is as follows:

The magnetic disc storage device is connected to a host processor (5) and contains at least one magnetic disc for the storage of data with system startup data in a startup data region, a buffer memory (2) for data to be transferred from the disc/host computer and a data communication device (1). The data communication device transfers the startup data from the startup data region into the buffer memory at the time of system startup. The storage device can be used as an external memory device. **ADVANTAGE** - Enables very short startup times to be achieved for memory systems.

Document **FP12** (JP 6051989) is in the Japanese language. An English-language abstract is as follows:

PURPOSE: To perform the fast load processing of an operating system without performing the read processing of volume information for the whole device in spite of the presence/absence of a restore command in the initial load processing of the operating system.

/Tefaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

CONSTITUTION: This system is provided with the device name instruction means 2 of a system storage file volume which instructs a volume in which a system storage file is stored in a device name by a REST command to instruct the generation of a system residence volume, the acquiring means 3 of the correspondence table of the device name with a channel number, a channel number acquiring means 4 to acquire the channel number from the device name of the volume, a restore processing means 5 which performs the generation processing of the system residence volume based on the device name and the channel number, and a device name/channel number correspondence table 6.

Document **FP13** (JP 9188009) is in the Japanese language. An English-language abstract is as follows:

PROBLEM TO BE SOLVED: To provide a printer capable of enhancing a compression ratio by electing a compression method fitted to data from a plurality of compression methods to perform compression and the data compressing method in the printer.

SOLUTION: A laser beam printer is equipped with an ROM 4 storing a plurality of preset compression methods and a CPU 3 having a data kind discriminating function analyzing the command of received data and discriminating the kind of data on the basis of the analytical result, a compression method selecting function selecting the compression method fitted to the kind of the discriminated data from a plurality of the compression methods stored in the ROM 4 and data compressing function compressing the data on the basis of the selected compression method.

Document **FP14** (JP 11149376) is in the Japanese language. An English-language abstract is as follows:

PROBLEM TO BE SOLVED: To provide a more flexible software development environment by realizing the same function with a circuit mounting an Initial Program Loader ROM in circuit constitution of a smaller scale.

SOLUTION: A BOOT loader circuit is provided with a BOOT detection part 4 for detecting whether a system becomes a BOOT mode or not, an address decoder 5 for generating a selection signal for each device, switch parts 6 and 7 for selecting ROM and the external

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

input interface and a CPU stop control part 8 for instructing the stop of CPU various conditions.

Document **FP18** (WO 95/29437 A1) is in the Japanese language. An English-language abstract is as follows:

A differential value and compressibility calculating means (76) of a data processing means (71) of a data transmitter calculates the actual differential value and the actual compressibility based on the data length of uncompressed data received from a data outputting source (2) through an uncompressed data receiving means (74) and the data length of compressed data from a data compressing circuit (67). When the actual differential value is equal to or larger than a set differential value alpha, at the same time, the actual compressibility is equal to or larger than a set compressibility beta, the means (76) transmits the compressed data to a destination (3) through a transfert-requested data outputting means (79), and, in the other cases, transmits the uncompressed data to the destination (3).

Therefore, such a phenomenon that the area occupied by compressed data in the memory area in the destination (3) is almost equal to the area occupied by uncompressed data in the memory area can be prevented, and useless data expansion can be avoided at the destination (3).

Document **FP27** (JP 04-241681) is in the Japanese language. An English-language abstract is as follows:

PURPOSE: To provide a means which can make optimum compression on data of any kinds of data pattern and can improve the data compressing efficiency.

CONSTITUTION: At the time of storing data, the data are compressed by means of compression circuits 11 and 12 of plural data compressing systems and counted results of the byte numbers of the compressed data are compared with each other after the byte numbers are counted. Then the compressed data of the smallest amount are selected and stored in a storing section 2 after adding a code indicating the compressing system. At the time of reading out the recorded data, the data are restored to the original data by selecting

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

the corresponding restoration circuit 31 or 32 in accordance with the added code indicating the compressing system.

Copies of documents **NPL874**, **NPL920-NPL922**, and **NPL948-NPL958** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2)(ii), no copies of the U.S. patents and patent application publications cited as documents **US1-US624** on the attached IDS Forms are submitted.

Additionally, copies of unpublished U.S. applications **NPL959-NPL962**, cited on the attached IDS Forms, are 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. § 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending unpublished 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."

Copies of documents **FP1-FP27**, **NPL1-NPL873**, and **NPL875-NPL919**, and **NPL923-NPL947** were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application Nos. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19, 2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442); 14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); and/or 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046), which are relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

Applicant submits herewith actions from co-pending, commonly assigned U.S. Patent Applications as documents **NPL573-NPL658** and **NPL841-NPL874**. The identification of these 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. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19,

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442); 14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); and 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046) 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 Applicant
Registration No. 37,575

Date: October 30, 2015

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

2118570_1.DOCX

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 1 of 32

Application Number	14/876,276
Filing Date	October 6, 2015
First Named Inventor	James J. FALLON
Art Unit	2668
Examiner Name	To Be Assigned
Attorney Docket Number	2855.005000C

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	3,394,352		07-23-1968	Wernikoff et al.	
	US2	3,490,690		01-20-1970	Apple et al.	
	US3	4,021,782		05-03-1977	Hoerning	
	US4	4,032,893		06-28-1977	Moran	
	US5	4,054,951		10-18-1977	Jackson et al.	
	US6	4,127,518		11-28-1978	Coy et al.	
	US7	4,302,775		11-24-1981	Widergren et al.	
	US8	4,325,085		04-13-1982	Gooch	
	US9	4,360,840		11-23-1982	Wolfrun et al.	
	US10	4,386,416		05-31-1983	Giltner et al.	
	US11	4,394,774		07-19-1983	Widergren et al.	
	US12	4,464,650		08-07-1984	Eastman	
	US13	4,494,108		01-15-1985	Langdon, Jr. et al.	
	US14	4,499,499		02-12-1985	Brickman et al.	
	US15	4,574,351		03-04-1986	Dang et al.	
	US16	4,593,324		06-03-1986	Ohkubo et al.	
	US17	4,626,829		12-02-1986	Hauck	
	US18	4,646,061		02-24-1987	Bledsoe	
	US19	4,682,150		07-21-1987	Mathes et al.	
	US20	4,701,745		10-20-1987	Waterworth	

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)					
	FP1	DE 4127518		02-27-1992	Tokico Ltd		X
	FP2	EP 0 164677		12-18-1985	Texas Instruments Inc		
	FP3	EP 0 185098		06-25-1986	Hitachi Ltd		
	FP4	EP 0283798		09-28-1988	International Business Machines Corporation		
	FP5	EP 0405572		01-02-1991	Fujitsu Limited		
	FP6	EP 0493130		07-01-1992	Canon Kabushiki Kaisha		
	FP7	EP 0587437		03-16-1994	International Business Machines Corporation		
	FP8	EP 0595406		05-04-1994	Philips Electronics		

Examiner Signature

/Tsfaldet Bocure/

Date Considered

01/23/2016

*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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH OR 201801413

Substitute for form 1449/PTO			<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276
			Filing Date	October 6, 2015
			First Named Inventor	James J. FALLON
			Art Unit	2668
			Examiner Name	To Be Assigned
			Attorney Docket Number	2855.005000C
Sheet	2	of	32	

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)				
	US21	4,729,020		03-01-1988	Schashorst et al.	
	US22	4,730,348		03-08-1988	MacCrisken	
	US23	4,745,559		05-17-1988	Willis et al.	
	US24	4,748,638		05-31-1988	Freidman et al.	
	US25	4,750,135		06-07-1988	Boilen	
	US26	4,754,351		06-28-1988	Wright	
	US27	4,804,959		02-14-1989	Makansi et al.	
	US28	4,813,040		03-14-1989	Futato	
	US29	4,814,746		03-21-1989	Miller et al.	
	US30	4,862,167		08-29-1989	Copeland, III	
	US31	4,866,601		09-12-1989	DuLac et al.	
	US32	4,870,415		09-26-1989	Van Maren et al.	
	US33	4,872,009		10-03-1989	Tsukiyama et al.	
	US34	4,876,541		10-24-1989	Storer	
	US35	4,888,812		12-19-1989	Dinan et al.	
	US36	4,890,282		12-26-1989	Lambert et al.	
	US37	4,897,717		01-30-1990	Hamilton et al.	
	US38	4,906,991		03-06-1990	Fiala et al.	
	US39	4,906,995		03-06-1990	Swanson	
	US40	4,929,946		05-29-1990	O'Brien et al.	

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)					
	FP9	EP	0718751	06-26-1996	International Business Machines Corporation		
	FP10	EP	0 928 070 A2	07-07-1999	Unwired Planet, Inc.		
	FP11	GB	2162025	01-22-1986	King Reginald Alfred		
	FP12	JP	6051989	02-25-1994	NEC Corp		X
	FP13	JP	9188009	07-22-1997	Canon Inc		X
	FP14	JP	11149376	06-02-1999	Toyo Commun Equip Co. Ltd		X
	FP15	WO	9414273	06-23-1994	Voxson International Pty Ltd		
	FP16	WO	9429852	12-22-1994	Maxtor Corp		

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2668
				Examiner Name	To Be Assigned
				Attorney Docket Number	2855.005000C
Sheet	3	of	32		

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)				
	US41	4,953,324		09-04-1990	Hermann	
	US42	4,956,808		09-11-1990	Aakre et al.	
	US43	4,965,675		10-23-1990	Hori et al.	
	US44	4,988,998		01-29-1991	O'Brien	
	US45	5,003,307		03-26-1991	Whiting et al.	
	US46	5,016,009		05-14-1991	Whiting et al.	
	US47	5,027,376		06-25-1991	Freidman et al.	
	US48	5,028,922		07-02-1991	Huang	
	US49	5,045,848		09-03-1991	Fascenda	
	US50	5,045,852		09-03-1991	Mitchell et al.	
	US51	5,046,027		09-03-1991	Taaffe et al.	
	US52	5,049,881		09-17-1991	Gibson et al.	
	US53	5,091,782		02-25-1992	Krause et al.	
	US54	5,097,261		03-17-1992	Langdon, Jr. et al.	
	US55	5,109,226		04-28-1992	MacLean, Jr. et al.	
	US56	5,109,433		04-28-1992	Notenboom	
	US57	5,109,451		04-28-1992	Aono et al.	
	US58	5,113,522		05-12-1992	Dinwiddie, Jr. et al.	
	US59	5,115,309		05-19-1992	Hang	
	US60	5,121,342		06-09-1992	Szymborski	

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)					
	FP17	WO	9502873	01-26-1995	Philips Electronics		
	FP18	WO	95/29437 A1	11-02-1995	Sony Corp		X
	FP19	WO	9748212	12-18-1997	Nokia Telecommunications		
	FP20	WO	9839699 A2	09-11-1998	Intelligent Compression Technologies		
	FP21	WO	9908186	02-18-1999	Macronix International Co, Ltd		
	FP22	WO	0036754 A1	06-22-2000	Microsoft Corporation		
	FP23	WO	01/057642	08-09-2001	Realtime Data LLC		
	FP24	WO	01/057659	08-09-2001	Realtime Data LLC		

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH OR 201801413

Substitute for form 1449/PTO			<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276
			Filing Date	October 6, 2015
			First Named Inventor	James J. FALLON
			Art Unit	2668
			Examiner Name	To Be Assigned
			Attorney Docket Number	2855.005000C
Sheet	4	of	32	

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)				
	US61	5,126,739		06-30-1992	Whiting et al.	
	US62	5,128,963		07-07-1992	Akasiri	
	US63	5,132,992		07-21-1992	Yurt et al.	
	US64	5,146,221		09-08-1992	Whiting et al.	
	US65	5,150,430		09-22-1992	Chu	
	US66	5,155,484		10-13-1992	Chambers, IV	
	US67	5,159,336		10-27-1992	Rabin et al.	
	US68	5,167,034		11-24-1992	MacLean, Jr. et al.	
	US69	5,175,543		12-29-1992	Lantz	
	US70	5,179,651		01-12-1993	Taaffe et al.	
	US71	5,187,793		02-16-1993	Keith et al.	
	US72	5,191,431		03-02-1993	Hasegawa et al.	
	US73	5,204,756		04-20-1993	Chevion et al.	
	US74	5,209,220		05-11-1993	Hiyama et al.	
	US75	5,212,742		05-18-1993	Normile et al.	
	US76	5,226,176		07-06-1993	Westaway et al.	
	US77	5,227,893		07-13-1993	Ett	
	US78	5,231,492		07-27-1993	Dangi et al.	
	US79	5,237,460		08-17-1993	Miller et al.	
	US80	5,237,675		08-17-1993	Hannon, Jr.	

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)					
	FP25	WO 01/63772		08-30-2001	Physical Optics Corporation		
	FP26	WO 02/39591		05-16-2002	Realtime Data LLC		
	FP27	JP 04-241681		08-28-1992	Fujitsu Limited		X

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH OR 201801413

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FALLON *et al.*

Confirmation No.: 3403

Applicant: Realtime Data, LLC

Art Unit: 2482

Application No.: 14/876,276

Examiner: To Be Assigned

Filing Date: October 6, 2015

Atty. Docket: 2855.005000C

Title: **Video Data Compression Systems****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

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
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486)	Inter Partes Reexamination Certificate issued 10/10/2012
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466)	Inter Partes Reexamination Certificate issued 05/15/2012
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453)	Terminated
Ex Parte Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428)	Ex Parte Reexamination Certificate issued 02/28/2012
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478)	Inter Partes Reexamination Certificate issued 10/04/2012
Inter Partes Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464)	Inter Partes Reexamination Certificate issued 06/12/2012
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479)	Inter Partes Reexamination Certificate issued 05/22/2012
Inter Partes Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517)	Appeal to the Court of Appeals for the Federal Circuit dismissed 6/4/2015

Proceeding	Status
Inter Partes Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544)	Decision on Appeal mailed 10/29/2015

Applicant hereby calls 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
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922)	Inter Partes Reexamination Certificate issued 12/05/2013
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923)	Inter Partes Reexamination Certificate issued 04/17/2015
Inter Partes Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924)	Inter Partes Reexamination Certificate issued 08/04/2014
Inter Partes Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925)	Inter Partes Reexamination Certificate issued 11/03/2014
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926)	Inter Partes Reexamination Certificate issued 01/08/2014
Inter Partes Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927)	Inter Partes Reexamination Certificate issued 08/16/2013
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928)	Inter Partes 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.

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

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)	Case Terminated 11/9/2012; 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)	Case Terminated 11/9/2012; 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) (transferred from E.D. Texas; No. 6:09-cv-00327-LED)	Case Terminated 11/9/2012; Opinion of the Court of Appeals for the 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

/Tsfaidet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

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
11	<i>Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al.</i> , No. 4:14-cv-00827 (E.D. Texas)	Dismissed May 1, 2015
12	<i>Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al.</i> , No. 6:15-cv-00463 (E.D. Texas)	Amended Complaints for Patent Infringement filed September 14, 2015
13	<i>Realtime Data, LLC d/b/a IXO v. Dropbox, Inc.</i> , No. 6:15-cv-00465 (E.D. Texas)	Consolidated with Case No. 12
14	<i>Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al.</i> , No. 6:15-cv-00466 (E.D. Texas)	Consolidated with Case No. 12
15	<i>Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al.</i> , No. 6:15-cv-00468 (E.D. Texas)	Consolidated with Case No. 12
16	<i>Realtime Data, LLC d/b/a IXO v. BMC Software, Inc.</i> , No. 6:15-cv-00464 (E.D. Texas)	Terminated October 5, 2015
17	<i>Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al.</i> , No. 6:15-cv-00467 (E.D. Texas)	Consolidated with Case No. 12
18	<i>Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al.</i> , No. 6:15-cv-00469 (E.D. Texas)	Consolidated with Case No. 12
19	<i>Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al.</i> , No. 6:15-cv-00470 (E.D. Texas)	Consolidated with Case No. 12
20	<i>Realtime Data, LLC d/b/a IXO v. Apple, Inc.</i> , No. 6:15-cv-00885 (E.D. Texas)	Complaint filed October 6, 2015

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.

/Tesfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

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.

Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Copies of documents **NPL1-NPL11** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2)(ii), no copy of the U.S. patent application publication cited as document **US1** on the attached IDS Form is submitted.

Additionally, a copy of unpublished U.S. application **NPL12**, cited on the attached IDS Form, 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. § 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending unpublished 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.

Applicant submits herewith an Office Action from the following co-pending, commonly-assigned U.S. Patent Application No.:

Document **NPL11** is a copy of a Final Office Action mailed on November 12, 2015, in the prosecution of co-pending, commonly-assigned U.S. Patent Application No. 14/305,692.

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. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19, 2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442); 14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6,

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); and 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046) 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 Applicant
Registration No. 37,575

Date:

December 11, 2015

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

2743178_1.DOCX

/Tsfaldet Bocure/

01/23/2016

Atty. Dkt. No. 2855.005000C

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	1	of	105

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	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, dated July 27, 2009, 15 pages.	
	NPL2	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.	
	NPL3	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, dated August 3, 2009, 3 pages.	
	NPL4	"A-T Financial Offers Manipulation, Redistribution of Ticker III", Inside Market Data, Vol. 4 No. 14, September 5, 1989, 1 page.	
	NPL5	"Add-on Options for the XpressFiles", Intelligent Compression Technologies, http://web.archive.org/web/19980518053418/ictcompress.com/options_X.html , 1998, 2 pages.	
	NPL6	ANDREWS et al., "A Mean-Removed Variation of Weighted Universal Vector Quantization for Image Coding", IEEE, 1993, pages 302-309.	
	NPL7	Asserted Claims Chart for U.S. Patent No. 6,624,761, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 4 pages.	
	NPL8	Asserted Claims Chart for U.S. Patent No. 7,161,506, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 5 pages.	
	NPL9	Asserted Claims Chart for U.S. Patent No. 7,400,274, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 6 pages.	
	NPL10	Asserted Claims Chart for U.S. Patent No. 7,417,568, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 13 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	2	of	105

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
	NPL11	Asserted Claims Chart for U.S. Patent No. 7,714,747, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 19 pages.	
	NPL12	BARTON, Rich, S&P ComStock Network Character Set Definition, 19.2 KB Network, Version 1.7.0, February 10, 1995, 29 pages.	
	NPL13	BEECH, W. A., et al., "AX.25 Link Access Protocol for Amateur Packet Radio," Version 2.2, Revision: July 1998, 143 pages.	
	NPL14	BORMANN, Carsten, "Providing Integrated Services over Low-bitrate Links," Network Working Group Request for Comments: 2689, Category: Informational, September 1999, 14 pages.	
	NPL15	ComStock Services Pamphlet, McGraw-Hill Financial Services Company, purportedly published by July 19, 1995, 6 pages.	
	NPL16	CORMACK, Gordon V., "Data Compression on a Database System", Communications of the ACM, Volume 28, Number 12, December, 1985, pages 1336-1342.	
	NPL17	DANSKIN, John Moffatt, "Compressing the X Graphics Protocol: A Dissertation Presented to the Facult of Princeton University in Candidacy for the Degree of Doctor of Philosophy," January 1995, 147 pages.	
	NPL18	"Data Networks and Open System Communications," Information Technology - Abstract Syntax Notation One (ASN. 1) Specification of Basic Notation, International Telecommunication Union, ITU-T Telecommunication Standardization Sector of ITU X.680, July 1994.	
	NPL19	Defendants' Invalidity Contentions, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 19 pages.	
	NPL20	DEGERMARK, Mikael, "IP Header Compression", Network Working Group Request for Comments: 2507, Category: Standards Track, February 1999, 47 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR201801413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	3	of	105

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
	NPL21	Developer's Guide, Version 1.0.2, S&P ComStock, February 15, 1994, 186 pages.	
	NPL22	DOMANSKI, Dr. Bernie, "All the news you can eat, Department: Dr. Bernie's Digestions and Digressions", Demand Technology's Capacity Management Review, Volume 25, No. 7, July 1997, pages 24, 18-22.	
	NPL23	EFFROS, Michelle and Philip A. Chou, "Weighted Universal Transform Coding: Universal Image Compression with the Karhunen-Loeve Transform", IEEE, 1995, pages 61-64.	
	NPL24	ENGAN, Mathias, "IP Header Compression over PPP", Network Working Group Request for Comments: 2509, Category: 2509, February 1999, 10 pages.	
	NPL25	Exhibit A, Invalidity Claim Charts A1-A45 for U.S. Patent 6,624,761, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 616 pages.	
	NPL26	Exhibit B, Invalidity Claim Charts B1-B45 for U.S. Patent 7,161,506, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 1513 pages.	
	NPL27	Exhibit C, Invalidity Claim Charts C1-C7, C9-C31, C33-C45 for U.S. Patent 7,400,274, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 1528 pages.	
	NPL28	Exhibit D, Invalidity Claim Charts D1-D7, D9-D45 for U.S. Patent 7,417,568, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 2458 pages.	
	NPL29	Exhibit E, Invalidity Claim Charts E1-E7, E9, E11, E13-E15, E17-E30, E32-E45 for U.S. Patent 7,714,747, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 3312 pages.	
	NPL30	GREENE, Tim, "Squeeze your 'Net links", NetworkWorld, Volume 14, Number 28, July 14, 1997, pages 1 and 56.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	4	of	105

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
	NPL31	HELCK, Christopher J., "Encapsulated Ticker: Ver 1.0," July 14, 1993, 22 pages.	
	NPL32	"High-performance schema-specific compression for XML data formats," XML-Xpress: Product Overview, Intelligent Compression Technologies, http://web.archive.org/web/20020818002535/www.ictcompress.com/products_xmlxpress , 2001, 2 pages.	
	NPL33	HSU, William H. and Amy E. Zwarico, "Automatic Synthesis of Compression Techniques for Heterogeneous Files," Software - Practice and Experience, Volume 25 (10), October 1995, pages 1097-1116.	
	NPL34	"ICT's XML-Xpress", Intelligent Compression Technologies, December, 2000, 6 pages.	
	NPL35	"Information processing systems - Data communication - High-level data link control procedures - Frame structure", UNI ISO 3309, 1984, 11 pages.	
	NPL36	Installing and Administering PPP, Edition 1, Hewlett-Packard Company, 1997, 169 pages.	
	NPL37	"Introducing XpressFiles", Intelligent Compression Technologies, http://web.archive.org/web/19980518053310/ictcompress.com/xpressfiles.html , 1998, 1 page.	
	NPL38	"Ion's RemoteScript speeds transmission", Seybold Report on Publishing Systems, Volume 22 Number 5, November 9, 1992, pages 21-23.	
	NPL39	JACOBSON, V., "Compressing TCP/IP Headers for Low-Speed Serial Links," February 1990, 45 pages.	
	NPL40	KULKOSKY, Victor, "Upping the Ante", Wall Street & Technology, Volume 11 Number 5, October 1993, pages 8-11.	

Examiner Signature	/Tesdalet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	5	of	105

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
	NPL41	LIEFKE, Hartmut and Dan Suci, "An Extensible Compressor for XML Data," SIGMOD Record, Vol. 29, No. 1, March 2000, pages 57-62.	
	NPL42	LIEFKE, Hartmut and Dan Suci, "XMill: an Efficient Compressor for XML Data," 2000, pages 153-164.	
	NPL43	LIEFKE, Hartmut and Dan Suci, Xmill: an Efficient Compressor for XML Data, October 18, 1999, 25 pages.	
	NPL44	McGREGOR, Glenn, "The PPP Internet Protocol Control Protocol (IPCP)", Network Working Group Request for Comments: 1332, Obsoletes: RFC 1172, May 1992, 14 pages.	
	NPL45	Obviousness Chart for U.S. Pat. No. 6,624,761, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 19 pages.	
	NPL46	Obviousness Chart for U.S. Pat. No. 7,161,506, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 49 pages.	
	NPL47	Obviousness Chart for U.S. Pat. No. 7,400,274, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 41 pages.	
	NPL48	Obviousness Chart for U.S. Pat. No. 7,417,568, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 75 pages.	
	NPL49	Obviousness Chart for U.S. Pat. No. 7,714,747, 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, United States District Court for the Eastern District of Texas Tyler Division, October 19, 2010, 97 pages.	
	NPL50	Open Financial Exchange Specification 2.0, Intuit Inc., Microsoft Corp., April 28, 2000, 537 pages.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 **PTO 1413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	6	of	105

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
	NPL51	RAND, Dave, "The PPP Compression Control Protocol (CCP)", Network Working Group Request for Comments: 1962, Category: Standards Track, June 1996, 9 pages.	
	NPL52	ROGERS, Amy, "Bandwidth Bargain IT hot on products that squeeze more out of the pipe", Number 673, July 21, 1997, pages 1 and 65.	
	NPL53	ROTH, Mark A. and Scott J. Van Horn, "Database Compression", SIGMOD Record, Vol. 22, No. 3, September 1993, pages 31-39.	
	NPL54	SCHMERKEN, Ivy, "Time Running Out for Old Technologies", Wall Street Computer Review, April 1990, pages 14-16, 23-24, 28, 56.	
	NPL55	"Scrolling News", Inside Market Data, February 27, 1995, 2 pages.	
	NPL56	SIMPSON, W., "PPP in HDLC-like Framing", Network Working Group Request for Comments: 1662, STD 51, Obsoletes 1549, Category: Standards Track, July 1994, 26 pages.	
	NPL57	SUCIU, Dan, Data Management on the Web, AT&T Labs, April 4, 2000, 52 slides.	
	NPL58	SUCIU, Dan, "Data Management on the Web: Abstract," University of Washington Computer Science & Engineering, April 4, 2000, 1 page.	
	NPL59	"Telekurs Buys S&P Trading Systems And Its Ticker III Feed", Inside Market Data, Vol. 4, No. 11, July 10, 1989, 1 page.	
	NPL60	"Telekurs May Debut 128 KPS Ticker By Year's End", Inside Market Data, July 18, 1994, 2 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	7	of	105

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
	NPL61	"Telekurs Now Carries All Dow Jones' News on 56-Kbps Ticker," Inside Market Data, December 20, 1993, 2 pages.	
	NPL62	"Telekurs Sells No. American Division in Mgmt. Buyout", Inside Market Data, October 23, 1995, 2 pages.	
	NPL63	"Telekurs to Launch New Int'l Feed/Internet Server", Wall Street & Technology, Volume 15, No. 1, January 1997, page 14.	
	NPL64	"The Technology Behind XpressFiles", Intelligent Compression Technologies, http://web.archive.org/web/19980518053634/ictcompress.com/technical_X.html , 1998, 1 page.	
	NPL65	TID Information: Revisions to TID Program Since the Dawn of Time!!! Version 1.0, 23 pages; TID Codes 1, 1 page; TID Codes 2, 1 page, purportedly by July 19, 1995.	
	NPL66	TypeWorld: The First and Only Newspaper for Electronic Publishing, Volume 16 Number 9, June 17, 1992, 3 pages.	
	NPL67	"XpressFiles White Paper", Intelligent Compression Technologies, 1999-2001, 3 pages.	
	NPL68	United States Provisional Patent Application No. 60/309,218, filed July 31, 2001.	
	NPL69	Telekurs Manual, January 11, 1993, 184 pages.	
	NPL70	DANSKIN, et al., "Fast Higher Bandwidth X," Dartmouth College, Hanover, NH, 1995, 8 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	8	of	105

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
	NPL71	HOFFMAN, Roy, "Data Compression in Digital Systems," Digital Multimedia Standards Series, Chapman & Hall, 1997, 426 pages.	
	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	01/23/2016
--------------------	-------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276	
			Filing Date	October 6, 2015	
			First Named Inventor	James J. FALLON	
			Art Unit	2668	
			Examiner Name	To Be Assigned	
Sheet	9	of	105	Attorney Docket Number	2855.005000C

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
	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	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH PR201801413

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276	
			Filing Date	October 6, 2015	
			First Named Inventor	James J. FALLON	
			Art Unit	2668	
			Examiner Name	To Be Assigned	
Sheet	10	of	105	Attorney Docket Number	2855.005000C

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
	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).	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH PR201801413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	11	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	12	of	105

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
	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.	

Examiner Signature	/Teskaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 OR 201801413

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	13	of	105
		Attorney Docket Number	2855.005000C

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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	14 of 105	Attorney Docket Number	2855.005000C

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
	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).	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 name, citation number, and designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	15	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 optional 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 201801413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	16	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR201801413

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	17	of	105
		Attorney Docket Number	2855.005000C

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
	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	/Tefaldet Bocure/		Date Considered 01/23/2016

*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.

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	18	of	105

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	/Tefaldet Bocure/		Date Considered 01/23/2016

*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 201801413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	19 of 105	Attorney Docket Number	2855.005000C

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 Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 original 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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	20	of	105
		Attorney Docket Number	2855.005000C

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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	21	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	22	of	105
		Attorney Docket Number	2855.005000C

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
	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).	
	NPL142	Exhibit 68, Prior Art Chart for U.S. Pat. No. 7,777,651, 236 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 Unwired Planet, EP 0928070 A2.	
	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.	

Examiner Signature	/Tessaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	23	of	105

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
	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 Suciu, "XMill: an Efficient Compressor for XML Data," University of Pennsylvania, Philadelphia, Pennsylvania, MS-CIS-99-26 (October 18, 1999); Hartmut Liefke & Dan Suciu, "XMill: an Efficient Compressor for XML Data," Proceedings of SIGMOD, 2000; Hartmut Liefke & Dan Suciu, "An Extensible Compressor for XML Data," SIGMOD Record, Vol. 29, No. 1 (March 2000); Dan Suciu, "Data Management on the Web," Presentation at University of Washington College of Computer Science & Engineering, Seattle, WA (April 4, 2000).	
	NPL147	BORMANN et al., "Robust Header Compression (ROHC)," Network Working Group Internet-Draft, September 18, 2000, 111 pages.	
	NPL148	EFFROS, M., P.A. CHOU and R.M. GRAY, "Variable Dimension Weighted Universal Vector Quantization and Noiseless Coding," IEEE 1068-0314/94, 1994, pages 2-11.	
	NPL149	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, 17 pages.	
	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.	

Examiner Signature	/Tefaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	24	of	105

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
	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.	
	NPL156	Defendant Bloomberg L.P.'s Invalidation Contentions Pursuant to Patent Local Rule 3-3 Regarding U.S. Patent No. 7,777,651, 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, February 4, 2011, 21 pages.	
	NPL157	Appendix G: U.S. Patent No. 7,777,651 (The 651 Patent), Defendant Bloomberg L.P.'s Invalidation Contentions Pursuant to Patent Local Rule 3-3 Regarding U.S. Patent No. 7,777,651, 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, February 4, 2011, 480 pages.	
	NPL158	RICE, ROBERT F., "Some Practical Universal Noiseless Coding Techniques", Jet Propulsion Laboratory, Pasadena, California, JPL Publication 79-22, March 15, 1979; 140 pgs.	
	NPL159	ANDERSON, J., et al. "Codec squeezes color teleconferencing through digital telephone lines," Electronics 1984, pp. 13-15.	
	NPL160	VENBRUX, JACK, "A VLSI Chip Set for High-Speed Lossless Data Compression", IEEE Trans. On Circuits and Systems for Video Technology, Vol. 2, No. 4, December 1992, pp. 381-391.	
	NPL161	"Fast Dos Soft Boot", IBM Technical Disclosure Bulletin, Feb. 1994, Vol. 37, Issue No. 2B, pp. 185-186.	
	NPL162	"Operating System Platform Abstraction Method", IBM Technical Disclosure Bulletin, Feb. 1995, Vol. 38, Issue No. 2, pp 343-344.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	25	of	105

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
	NPL163	MURASHITA, K., et al., "High-Speed Statistical Compression using Self-Organized Rules and Predetermined Code Tables", IEEE, 1996 Data Compression Conference.	
	NPL164	COENE, W., et al. "A Fast Route For Application of Rate-distortion Optimal Quantization in an MPEG Video Encoder" Proceedings of the International Conference on Image Processing, US., New York, IEEE, 16 September 1996, pp. 825-828.	
	NPL165	RICE, ROBERT, "Lossless Coding Standards for Space Data Systems", IEEE 1058-6393197, Nov. 3-6, 1996, pp. 577-585.	
	NPL166	MILLMAN, HOWARD, "Image and video compression", Computerworld, Vol. 33, Issue No. 3, January 18, 1999, pp. 78.	
	NPL167	"IBM boosts your memory", Geek.com [online], June 26, 2000 [retrieved on July 6, 2007, www.geek.com/ibm-boosts-your-memory/, 7 pages.	
	NPL168	"IBM Research Breakthrough Doubles Computer Memory Capacity", IBM Press Release [online], June 26, 2000 [retrieved on July 6, 2007, www-03.ibm.com/press/us/en/pressrelease/1653.wss, 3 pages.	
	NPL169	"ServerWorks To Deliver IBM's Memory expansion Technology in Next-Generation Core Logic for Servers", ServerWorks Press Release [online], June 27, 2000 [retrieved on July 14, 2000, http://www.serverworks.com/news/press/000627.html, 1 page.	
	NPL170	ABALI, B., et al., "Memory Expansion Technology (MXT) Software support and performance", IBM Journal of Research and Development, Vol. 45, Issue No. 2, March 2001, pp. 287-301.	
	NPL171	FRANASZEK, P. A., et al., "Algorithms and data structures for compressed-memory machines", IBM Journal of Research and Development, Vol. 45, Issue No. 2, March 2001, pp. 245-258.	
	NPL172	FRANASZEK, P. A., et al., "On internal organization in compressed random-access memories", IBM Journal of Research and Development, Vol. 45, Issue No. 2, March 2001, pp. 259-270.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	26	of	105

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
	NPL173	SMITH, T.B., et al., "Memory Expansion Technology (MXT) Competitive impact", IBM Journal of Research and Development, Vol. 45, Issue No. 2, March 2001, pp. 303-309.	
	NPL174	TREMAINE, R. B., et al., "IBM Memory Expansion Technology (MXT)", IBM Journal of Research and Development, Vol. 45, Issue No. 2, March 2001, pp. 271-285.	
	NPL175	YEH, PEN-SHU, "The CCSDS Lossless Data Compression Recommendation for Space Applications", Chapter 16, Lossless Compression Handbook, Elsevier Science (USA), 2003, PP. 311-326.	
	NPL176	Expand Networks Accelerator 4000 Series User's Guide, 1999, 101 pgs.	
	NPL177	Tridgell, Andrew; "Efficient Algorithms for Sorting and Synchronization"; A thesis submitted for the degree of Doctor of Philosophy at The Australian National University; February 1999; pages iii-106	
	NPL178	Jung, et al.; "Performance optimization of wireless local area networks through VLSI data compression"; Wireless Networks, Volume 4, 1998; pages 27-39.	
	NPL179	Baker, K. et al., "Lossless Data Compression for Short Duration 3D Frames in Positron Emission Tomography," 0-7803-1487, May 1994, pages 1831-1834.	
	NPL180	Maier, Mark W.; "Algorithm Evaluation for the Synchronous Data Compression Standard"; University of Alabama: 1995, pages 1-10.	
	NPL181	Bassiouni, et al.; "A Scheme for Data Compression in Supercomputers"; IEEE; 1988; pages 272-278.	
	NPL182	Welch, Terry A.; "A Technique for High-Performance Data Compression"; IEEE; June 1984; pages 8-19.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	27	of	105

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
	NPL183	ALDC: Adaptive Lossless Data Compression; IBM; 1994, 2 pgs.	
	NPL184	ALDC-Macro: Adaptive Lossless Data Compression; IBM Corporation; 1994, 2 pgs.	
	NPL185	ALDC1-20S: Adaptive Lossless Data Compression; IBM Corporation; 1994, 2 pgs.	
	NPL186	ALDC1-40S: Adaptive Lossless Data Compression; IBM Corporation; 1994, 2 pgs.	
	NPL187	ALDC1-5S: Adaptive Lossless Data Compression; IBM Corporation; 1994, 2 pgs.	
	NPL188	Craft, David J.; "Data Compression Choice No Easy Call"; Computer Technology Review; Volume XIV, Number 1; January 1994, 2 pgs.	
	NPL189	Costlow, Terry; "Sony designs faster, denser tape drive"; Electronic Engineering Times; May 20, 1996, pages 86-87.	
	NPL190	Wilson, Ron; "IBM ups compression ante"; Electronic Engineering Times; August 16, 1993; pages 1-94.	
	NPL191	"IBM Announces New Feature for 3480 Subsystem"; Tucson Today; Volume 12, Number 337, July 25, 1989, 1 pg.	
	NPL192	Syngress Media, Inc.; "CCA Citrix Certified Administrator for MetaFrame 1.8 Study Guide"; 2000, 568 pgs.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	28	of	105

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
	NPL193	International Telecommunication Union; "Data Compression Procedures for Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures"; Geneva, 1990, 29 pgs.	
	NPL194	Cheng, et al.; "A fast, highly reliable data compression chip and algorithm for storage systems"; IBM J. Res. Develop.; Vol. 40, No. 6, November 1996; pages 603-613.	
	NPL195	Cisco Systems; "Cisco IOS Data Compression"; 1997; pages 1-10.	
	NPL196	Craft, D. J.; "A fast hardware data compression algorithm and some algorithmic extensions"; IBM J. Res. Develop.; Vol. 42; No. 6; November 6, 1998; pages 733-746.	
	NPL197	Rustici, Robert; "Enhanced CU-SeeMe" 1995, Zero In Technologies, Inc., 308 pgs.	
	NPL198	White Pine Software; "CU-SeeMe Pro: Quick Start Guide"; Version 4.0 for Windows; 1999, 86 pgs.	
	NPL199	"CU-SeeMe Reflector"; www.geektimes.com/michael/CU-SeeMe/faqs/reflectors.html; accessed on December 2, 2008, 5 pgs.	
	NPL200	Daniels, et al.; "Citrix WinFrame 1.6 Beta"; May 1 1996; license.icopyright.net/user/downloadLicense.act?lic=3.7009-9123; accessed December 2, 2008, 4 pgs.	
	NPL201	Held, et al.; "Data Compression"; Third Edition; John Wiley & Sons Ltd.; 1991, 150 pgs.	
	NPL202	Data Compression Applications and Innovations Workshop; Proceedings of a Workshop held in Conjunction with the IEEE Data Compression Conference; Snowbird, Utah; March 31, 1995, 64 pgs.	

Examiner Signature	/Tesaïdet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	29	of	105

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
	NPL203	Britton, et al.; "Discovery Desktop Conferencing with NetMeeting 2.0"; IDG Books Worldwide, inc.; 1997, 244 pgs.	
	NPL204	Sattler, Michael; "Internet TV with CU-SeeMe"; Sams.Net Publishing; 1995; First Edition, 80 pgs.	
	NPL205	IBM Microelectronics Comdex Fall '93 Booth Location, 1 pg.	
	NPL206	Disz, et al.; "Performance Model of the Argonne Voyager Multimedia Server"; IEEE; 1997; pages 316-327.	
	NPL207	"Downloading and Installing NetMeeting"; www.w4mq.com/helph3.htm; accessed on December 2, 2008; 6 pgs.	
	NPL208	Fox, et al.; "Adapting to Network and Client Variability via On-Demand Dynamic Distillation"; ASPLOS VII; October 1996; pages 160-170.	
	NPL209	Fox, et al.; "Adapting to Network and Client Variation Using Infrastructural Proxies: Lessons and Perspectives"; IEEE Personal Communications, August 1998; pages 10-19.	
	NPL210	Han, et al.; "CU-SeeMe VR Immersive Desktop Teleconferencing"; Department of Computer Science; Cornell University; To appear in ACM Multimedia 1996, 9 pgs.	
	NPL211	Howard, et al.; "Parallel Lossless Image Compression Using Huffman and Arithmetic Coding"; 1992; pages 1-9.	
	NPL212	Howard, Paul G.; "Text Image Compression Using Soft Pattern Matching"; The Computer Journal; Vol. 40, No. 213; 1997; pages 146-156.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR201801413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	30	of	105
		Attorney Docket Number	2855.005000C

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
	NPL213	Howard, et al.; "The Emerging JBIG2 Standard"; IEEE Transactions on Circuits and Systems for Video Technology, Vol. 8, No. 7, November 1998; pages 838-848.	
	NPL214	Craft, D. J.; "A fast hardware data compression algorithm and some algorithmic extensions"; Journal of Research and Development; Vol. 42, No. 6, November 1998; pages 733-745.	
	NPL215	"Direct Access Storage Device Compression and Decompression Data Flow"; IBM Technical Disclosure Bulletin; Vol. 38, No. 11; November 1995; pages 291-295.	
	NPL216	ICA Timeline, September 24, 2007, 3 pgs.	
	NPL217	Converse, et al.; "Low Bandwidth X Extension"; Protocol Version 1 .O; X Consortium; December 21, 1996, 55 pgs.	
	NPL218	Magstar and IBM 3590 High Performance Tape Subsystem Technical Guide; November 1996; IBM International Technical Support Organization, 288 pgs.	
	NPL219	MetaFrame Administration Student Workbook; June 1998; Citrix Professional Courseware; Citrix Systems, Inc, 113 pgs.	
	NPL220	NCD Wincenter 3.1 : Bringing Windows to Every Desktop, 1998; 2 pgs.	
	NPL221	Overview NetMeeting 2.1; Microsoft TechNet; technet.microsoft.com/en-us/library/cc767141 (printer).aspx; accessed December 2, 2008; 7 pgs.	
	NPL222	NetMeeting 2.1 Resource Kit; Microsoft TechNet; technet.microsoft.com/en-us/library/cc767142(printer).aspx; accessed on December 2, 2008, 34 pgs.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 **PR2018-01413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	31	of	105

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
	NPL223	Conferencing Standards: NetMeeting 2.1 Resource Kit: Microsoft TechNet; technet.microsoft.com/--us/library/cc767150(printer).aspx ; accessed December 2, 2008, 14 pgs.	
	NPL224	Summers, Bob; "Official Microsoft NetMeeting Book," Microsoft Press, 1998, 374 pgs.	
	NPL225	Zebrose, Katherine L.; "Integrating Hardware Accelerators into Internetworking Switches"; Telco Systems, 1995, 10 pages.	
	NPL226	Simpson, et al.; "A Multiple Processor Approach to Data Compression"; ACM; 1998; pages 641-649, 9 pgs.	
	NPL227	"IBM Technology Products Introduces New Family of High-Performance Data Compression Products"; IBM; August 16, 1993, 6 pgs.	
	NPL228	ReadMe; PowerQuest Drive Image Pro; Version 3.00; 1994-1999; PowerQuest Corporation; page 1-6.	
	NPL229	Schulzrinne, et al., "RTP Profile for Audio and Video Conferences with Minimal Control," January 1996, www.ietf.org/rfc/rfc1890.txt , accessed on December 3, 2008; 17 pgs.	
	NPL230	Zhu, C., "RTP Payload Format for H.263 Video Streams," Standards Track, September 1997, pages 1-12.	
	NPL231	Simpson, W., "The Point-To-Point Protocol (PPP)," Standards Track, July 1994, pages i-52.	
	NPL232	Reynolds, et al., "Assigned Numbers," Standards Track, October 1994, pages 1-230.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 **PR2018-01413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	32	of	105

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
	NPL233	Deutsch, et al., "ZLIB Compressed Data Format Specification version 3.3," Informational, May 1996, pages 1-10.	
	NPL234	Deutsch, P., "DEFLATE Compressed Data Format Specification version 1.3," Informational, May 1996, pages 1-15.	
	NPL235	Rand, D., "The PPP Compression Control Protocol (CCP)," Standards Track, June 1996, pages 1-9.	
	NPL236	Schneider, et al., "PPP LZS-DCP Compression Protocol (LZS-DCP)," Informational, August 1996, pages 1-18.	
	NPL237	Friend, et al., "PPP Stac LZS Compression Protocol," Informational, August 1996; pages 1-20.	
	NPL238	Schneider, et al., "PPP for Data Compression in Data Circuit-Terminating Equipment (DCE)," Informational, August 1996, pages 1-10.	
	NPL239	Atkins, et al., "PGP Message Exchange Formats," Informational, August 1996, pages 1-21.	
	NPL240	Castineyra, et al., "The Nimrod Routing Architecture," Informational, August 1996, pages 1-27.	
	NPL241	Freed, et al., "Multipurpose Internet Mail Extensions (MIME) Part Four: Registration Procedures," Best Current Practice, November 1996, pages 1-21.	
	NPL242	Shacham, et al., "IP Payload Compression Protocol (IPComp)," Standards Track, December 1998, pages 1-10.	

Examiner Signature	/Tefaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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.

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276	
			Filing Date	October 6, 2015	
			First Named Inventor	James J. FALLON	
			Art Unit	2668	
			Examiner Name	To Be Assigned	
Sheet	33	of	105	Attorney Docket Number	2855.005000C

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
	NPL243	Sidewinder 50 Product Manual, Seagate Technology, Inc., 1997, 189 pgs.	
	NPL244	IBM RAMAC Virtual Array, IBM, July 1997, 490 pgs.	
	NPL245	Bruni, et al., "DB2 for OS/390 and Data Compression" IBM Corporation, November 1998, 172 pgs.	
	NPL246	Smith, Mark, "Thin Client/Server Computing Works," WindowsITPro, November 1, 1998, pages 1-13, license.icopyright.net/user/downloadLicense.act?lic=3.7009-8355, accessed December 2, 2008.	
	NPL247	International Telecommunication Union, "Information Technology - Digital Compression and Coding of Continuous-Tone Still Images-Requirements and Guidelines," 1993, 186 pgs.	
	NPL248	International Telecommunications Union, "Information technology - Lossless and near-lossless compression of continuous-tone still images - Baseline," 1999, 75 pgs.	
	NPL249	Davis, Andrew W., "The Video Answering Machine: Intel Proshare's Next Step," Advanced Imaging, Vol. 12, No. 3, March 1997, pages 28, 30.	
	NPL250	Abbott, III, Walter D., "A Simple, Low Overhead Data Compression Algorithm for Converting Lossy Compression Processes to Lossless," Naval Postgraduate School Thesis; December 1993, 93 pgs.	
	NPL251	Thomborson, Clark, "V.42bis and Other Ziv-Lemoel Variants," IEEE, 1991, page 460.	
	NPL252	Thomborson, Clark, "The V.42bis Standard for Data-Compressing Modems," IEEE, October 1992, pages 41-53.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	34	of	105
		Attorney Docket Number	2855.005000C

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
	NPL253	Sun, Andrew, "Using and Managing PPP," O'Reilly & Associates, Inc., 1999, 89 pgs.	
	NPL254	"What is the V42bis Standard?," www.faqs.org/faqs/compression-faq/part1/section-10.html, accessed on December 2, 2008, 2 pgs.	
	NPL255	"The WSDC Download Guide: Drive Image Professional for DOS, OS/2, and Windows," wsdc01.watson.ibm.com/WSDC.nsf/Guides/Download/Applications-DriveImage.htm, Accessed November 22, 1999, 4 pgs.	
	NPL256	"The WSDC Download Guide: Drive Image Professional," wsdc01.watson.ibm.com/wsdc.nsf/Guides/Download/Applications-DriveImage.htm, accessed on May 3, 2001, 5 pgs.	
	NPL257	APPNOTE-TXT from pkware.txt, Version 6.3.2, PKWARE Inc., 1989, 52 pgs.	
	NPL258	CU-SeeMe readme.txt, December 2, 1995, 9 pgs.	
	NPL259	CU-seeme txt from indstate.txt, README.TXT for CU-SeeMe version 0.90b1, March 23, 1997, 5 pgs.	
	NPL260	Cuseeme txt 19960221 .txt; CUSEEME.TXT, February 21, 1996, 9 pgs.	
	NPL261	Citrix Technology Guide, 1997, 413 pgs.	
	NPL262	Lettieri, et al., "Data Compression in the V.42bis Modems," 1992, pages 398-403.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276	
			Filing Date	October 6, 2015	
			First Named Inventor	James J. FALLON	
			Art Unit	2668	
			Examiner Name	To Be Assigned	
Sheet	35	of	105	Attorney Docket Number	2855.005000C

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
	NPL263	High Performance x2/V.34+N.42bis 56K BPS Plug & Play External Voice/FAX/Data Modem User's Manual, 1997, 27 pgs.	
	NPL264	H.323 Protocols Suite, www.protocols.com/pbook~h323.htm, 26 pages (referenced in Expert Report of Dr. James A. Storer on Invalidity filed on behalf of 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, June 10, 2009, and indicated as being last accessed in 2008, see e.g., Exhibit E, page 12).	
	NPL265	LBX X Consortium Algorithms; rzddocs.uni-hohenheim.de/aix~4.33/ext~doc/usr/share/man/info/en~US/a~doc~lib/.x."l;1 X I 1 R 6 Technical Specifications, December 1996, 3 pgs.	
	NPL266	Basics of Images; www.geom.uiuc.edu/events/courses/1996/cmwh/StillIs/basics.html, 1996, 5 pgs.	
	NPL267	Parties' Joint Claim Construction and Prehearing Statement Pursuant to P.R. 4-3, 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, February 18, 2009, 168 pages.	
	NPL268	Declaration of Professor James A. Storer, Ph.D., relating to U.S. Patent No. 6,604,158, March 18, 2009, 10 pgs.	
	NPL269	Declaration of Professor James A. Storer, Ph.D., relating to U.S. Patent No. 6,601,104, March 18, 2009, 8 pgs.	
	NPL270	Declaration of Professor James A. Storer, Ph.D., relating to U.S. Patent No. 7,321,937, May 4, 2009, 15 pgs.	
	NPL271	Declaration of Professor James A. Storer, Ph.D., relating to U.S. Patent No. 6,624,761, May 4, 2009, 6 pgs.	
	NPL272	Declaration of Professor James A. Storer, Ph.D., relating to U.S. Patent No. 7,378,992, May 20, 2009, 6 pgs.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	36	of	105

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
	NPL273	Declaration of Professor James A. Storer, Ph.D., relating to U.S. Patent No. 7,161,506, May 26, 2009, 5 pgs.	
	NPL274	"Video Coding for Low Bit Rate Communication", International Telecommunication Union (ITU), Recommendation H.263, §3.4 (March 1996) ("ITU H.263"), 52 pgs.	
	NPL275	Order Adopting Report and Recommendation of United States Magistrate Judge, Realtime Data, LLC D/B/A Ixo v. Packeteer, Inc., et al., District Court for the Eastern District of Texas, No. 6:08cv144, August 24, 2009, 2 pgs.	
	NPL276	Second Amended Answer filed on behalf of Citrix Systems, Inc. (includes allegations of inequitable conduct on at least pages 24-43) 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, February 10, 2009, 45 pgs.	
	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.	
	NPL279	Supplemental Expert Report of Dr. James A. Storer on Invalidity filed on behalf of some of the defendants [Includes Appendices - Exhibits 1-8] 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 19, 2009, 301 pgs.	
	NPL280	Deposition of Dr. James A. Storer conducted on behalf of the plaintiffs 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, February 27, 2009, 242 pgs.	
	NPL281	Deposition of Brian Von Herzen conducted on behalf of the plaintiffs 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, February 26, 2009, 241 pgs.	
	NPL282	Second Amended Complaint filed on behalf of the Plaintiff 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 10, 2009, 28 pgs.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276	
			Filing Date	October 6, 2015	
			First Named Inventor	James J. FALLON	
			Art Unit	2668	
			Examiner Name	To Be Assigned	
Sheet	37	of	105	Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	38 of 105		

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276
			Filing Date	October 6, 2015
			First Named Inventor	James J. FALLON
			Art Unit	2668
			Examiner Name	To Be Assigned
			Attorney Docket Number	2855.005000C
Sheet	39	of	105	

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	40	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	14/876,276
			Filing Date	October 6, 2015
			First Named Inventor	James J. FALLON
			Art Unit	2668
			Examiner Name	To Be Assigned
			Attorney Docket Number	2855.005000C
Sheet	41	of	105	

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	42	of	105
		Attorney Docket Number	2855.005000C

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
	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	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	43 of 105	Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	44	of	105

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
	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.	

Examiner Signature	/Tessaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	45	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	46	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tessaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	47	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	48	of	105

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
	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	CUSEeMe 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 CUSEeMe -- 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.	
	NPL401	Press Release - Leading Network Service Providers Line Up to Support White Pine's MeetingPoint Conference Server Technology, October 9, 1997, [RAD_1740_1743] 4 pgs.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	49	of	105

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
	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 Parital 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)	

Examiner Signature	/Teskaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	50	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	51	of	105

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
	NPL420	Script for Realtimes' 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, LLC D/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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	52	of	105
		Attorney Docket Number	2855.005000C

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
	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.	
	NPL434	Munteanu et al, "Wavelet-Based Lossless Compression Scheme with Progressive Transmission Capability," John Wiley & Sons, Inc., Int'l J. Imaging Sys. Tech., vol. 10, (1999) pgs 76-85.	
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	53	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	54	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesaïdet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	55	of	105

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
	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. Thompson 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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	56	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	57	of	105
		Attorney Docket Number	2855.005000C

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
	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.	
	NPL485	KATZ, R.H. and E.A. Brewer, "The Bay Area Research Wireless Access Network (BARWAN)," UC Berkeley, 1995, 68 pages.	
	NPL486	BRUCKMAN, Alfred and Andreas UHL, "Selective Medical Image Compression Using Wavelet Techniques," June 1998, 23 pages.	
	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.	
	NPL489	KATZ et al., "The Bay Area Research Wireless Access Networks (BARWAN)," 1996, 6 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	58	of	105
		Attorney Docket Number	2855.005000C

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
	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 Invalidation 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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	59	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	60	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesaïdet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	61	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaidet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	62	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2668
				Examiner Name	To Be Assigned
Sheet	63	of	105	Attorney Docket Number	2855.005000C

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
	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 & Invalidity 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 Invalidity 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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	64	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	65	of	105
		Attorney Docket Number	2855.005000C

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
	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 November 9, 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 November 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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	66	of	105

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	67	of	105

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
	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.	

Examiner Signature	/Tefaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	68	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	69	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	70	of	105

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
	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.	

Examiner Signature	/Tessaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	71	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	72	of	105

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	73	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	74	of	105
		Attorney Docket Number	2855.005000C

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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	75	of	105

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	76	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	77	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	78	of	105

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
	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.	

Examiner Signature	/Tefaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	79	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Testaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 ~~PR2018-01413~~

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	80	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	81	of	105

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	82	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary.)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	83	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 **PR2018-01413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	84	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tessaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	85	of	105
		Attorney Docket Number	2855.005000C

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
	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.	
	NPL763	Official Order Granting Request for Inter Partes Reexamination of U.S. Patent No. 7,161,506, Control No. 95/001,926, mailed April 25, 2012, 9 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	86	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	87	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Teskaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	88	of	105

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	89	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2668
				Examiner Name	To Be Assigned
Sheet	90	of	105	Attorney Docket Number	2855.005000C

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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	91	of	105

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
	NPL814	"Bandwidth - Definition," accessed at http://www.yourdictionary.com/bandwidth , accessed on March 7, 2013, 2 pages.	
	NPL815	"Bandwidth," accessed at http://searchenterprisewan.techtarget.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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	92	of	105

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
	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. 95/001,924, 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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	93	of	105
		Attorney Docket Number	2855.005000C

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
	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	94	of	105

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
	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 2 pages.	
	NPL850	Copy of Notice of Allowance for U.S. Appl. No. 14/035,561, mailed January 16, 2014, 9 pages.	
	NPL851	Copy of Corrected Notice of Allowability for U.S. Application No. 11/553,419, mailed January 31, 2014, 2 pages.	
	NPL852	Copy of Non-Final Office Action for U.S. Appl. No. 13/118,122, mailed February 19, 2014, 23 pages.	
	NPL853	Copy of Notice of Allowance for U.S. Appl. No. 13/101,994, mailed February 20, 2014, 5 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2668
				Examiner Name	To Be Assigned
Sheet	95	of	105	Attorney Docket Number	2855.005000C

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
	NPL854	Copy of Supplemental Notice of Allowance for U.S. Appl. No. 12/857,238, mailed February 25, 2014, 2 pages.	
	NPL855	Copy of Non-Final Office Action for U.S. Appl. No. 14/134,933, mailed February 25, 2014, 7 pages.	
	NPL856	Copy of Non-Final Office Action for U.S. Appl. No. 14/033,245, mailed February 26, 2014, 11 pages.	
	NPL857	Copy of Non-Final Office Action for U.S. Appl. No. 14/134,926, mailed February 27, 2014, 16 pages.	
	NPL858	Copy of Final Office Action for U.S. Appl. No. 09/969,987, mailed April 8, 2014, 8 pages.	
	NPL859	Copy of Non-Final Office Action for U.S. Appl. No. 13/403,785, mailed May 9, 2014, 5 pages.	
	NPL860	Copy of Final Office Action for U.S. Application No. 13/118,122, mailed June 18, 2014, 14 pages.	
	NPL861	Copy of Notice of Allowance for U.S. Appl. No. 14/251,453, mailed June 25, 2014; 8 pages.	
	NPL862	Copy of Final Office Action for U.S. Appl. No. 14/134,933, mailed June 27, 2014; 9 pages.	
	NPL863	Copy of Notice of Allowance for U.S. Appl. No. 14/134,926, mailed July 8, 2014, 9 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
-----------------------	--------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2668
				Examiner Name	To Be Assigned
Sheet	96	of	105	Attorney Docket Number	2855.005000C

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
	NPL864	Copy of Notice of Allowance for U.S. Appl. No. 14/033,245, mailed July 22, 2014, 13 pages.	
	NPL865	Copy of Non-Final Office Action for U.S. Appl. No. 14/495,574, mailed October 23, 2014; 10 pages.	
	NPL866	Copy of Non-Final Office Action for U.S. Appl. No. 09/969,987, mailed October 23, 2014; 11 pages.	
	NPL867	Copy of Non-Final Office Action for U.S. Appl. No. 13/403,785, mailed December 18, 2014, 17 pages.	
	NPL868	Copy of Non-Final Office Action for U.S. Appl. No. 14/305,692, mailed February 10, 2015, 9 pages.	
	NPL869	Copy of Non-Final Office Action for U.S. Appl. No. 14/303,276, mailed March 12, 2015, 5 pages.	
	NPL870	Copy of Supplemental Notice of Allowability for U.S. Appl. No. 14/495,574, mailed April 7, 2015; 5 pages.	
	NPL871	Copy of Notice of Allowance for U.S. Appl. No. 14/303,276, mailed June 5, 2015; 8 pages.	
	NPL872	Copy of Notice of Allowance for U.S. Appl. No. 09/969,987, mailed July 2, 2015; 10 pages.	
	NPL873	Copy of Notice of Allowance for U.S. Appl. No. 14/727,309, mailed September 30, 2015; 7 pages.	

Examiner Signature	/Tersfaldet Bocure/	Date Considered	01/23/2016
-----------------------	---------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	97	of	105
		Attorney Docket Number	2855.005000C
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
	NPL874	Copy of Non-Final Office Action for U.S. Appl. No. 14/733,565, mailed October 19, 2015; 8 pages.	
	NPL875	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.	
	NPL876	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.	
	NPL877	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.	
	NPL878	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.	
	NPL879	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.	
	NPL880	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.	
	NPL881	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.	
	NPL882	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.	
	NPL883	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	98	of	105

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
	NPL884	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.	
	NPL885	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.	
	NPL886	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.	
	NPL887	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.	
	NPL888	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.	
	NPL889	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.	
	NPL890	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.	
	NPL891	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.	
	NPL892	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.	
	NPL893	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.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2668
				Examiner Name	To Be Assigned
Sheet	99	of	105	Attorney Docket Number	2855.005000C

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
	NPL894	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.	
	NPL895	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.	
	NPL896	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.	
	NPL897	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.	
	NPL898	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.	
	NPL899	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.	
	NPL900	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.	
	NPL901	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.	
	NPL902	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.	
	NPL903	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.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	100	of	105

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
	NPL904	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.	
	NPL905	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.	
	NPL906	Examiner's Determination Under 37 C.F.R. 41.77(d), in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed October 3, 2014; 10 pages.	
	NPL907	Examiner's Determination Under 37 C.F.R. 41.77(d), in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed October 10, 2014; 10 pages.	
	NPL908	Examiner's Determination Under 37 C.F.R. 41.77(d), in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed October 10, 2014; 12 pages.	
	NPL909	Comments in Response to Examiner's Determination Under 37 C.F.R. 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, filed November 3, 2014; 30 pages.	
	NPL910	Inter Partes Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 7,395,345, Control No. 95/001,925, mailed November 3, 2014; 2 pages.	
	NPL911	Comments in Response to Examiner's Determination under 37 C.F.R. 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, filed November 10, 2014; 19 pages.	
	NPL912	Comments in Response to Examiner's Determination under 37 C.F.R. 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, filed November 10, 2014; 19 pages.	
	NPL913	Patent Owner's Reply to Third Party Requester's Comments Under 37 C.F.R. 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, filed December 3, 2014, 6 pages.	

Examiner Signature	/Tefaldet Bocure/	Date Considered	01/23/2016
--------------------	-------------------	-----------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	101	of	105

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
	NPL914	Patent Owner's Reply to Third Party Requester's Comments Under 37 C.F.R. 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, filed December 10, 2014, 6 pages.	
	NPL915	Patent Owner's Reply to Third Party Requester's Comments Under 37 C.F.R. 41.77(e) in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, filed December 10, 2014, 6 pages.	
	NPL916	Decision on Request for Rehearing in Inter Partes Reexamination of U.S. Patent No. 7,714,747, Control No. 95/001,517, mailed January 6, 2015, 7 pages.	
	NPL917	Right of Appeal Notice in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, mailed January 9, 2015, 14 pages.	
	NPL918	Notice of Intent to Issue a Reexamination Certificate in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, issued March 9, 2015, 7 pages.	
	NPL919	Inter Partes Reexamination Certificate, in Inter Partes Reexamination of U.S. Patent No. 6,604,158, Control No. 95/001,923, issued April 17, 2015; 3 pages.	
	NPL920	Decision on Appeal No. 2015-007686, in Inter Partes Reexamination of U.S. Patent No. 7,417,568, Control No. 95/001,533, mailed October 29, 2015; 16 pages.	
	NPL921	Decision on Appeal No. 2015-007706, in Inter Partes Reexamination of U.S. Patent No. 7,777,651, Control No. 95/001,581, mailed October 29, 2015; 16 pages.	
	NPL922	Decision on Appeal No. 2015-007687, in Inter Partes Reexamination of U.S. Patent No. 7,400,274, Control No. 95/001,544, mailed October 29, 2015; 15 pages.	
	NPL923	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.	

Examiner Signature	/Tesdalet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 PR2018-01413

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	102	of	105
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
	NPL924	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al., Case No. 4:14-cv-00827 (E.D. Texas), December 19, 2014, 17 pages.	
	NPL925	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., No. 6:15-cv-00463 (E.D. Texas), May 8, 2015, 18 pages.	
	NPL926	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Dropbox, Inc., No. 6:15-cv-00465 (E.D. Texas), May 8, 2015, 14 pages.	
	NPL927	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al., No. 6:15-cv-00466 (E.D. Texas), May 8, 2015, 15 pages.	
	NPL928	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al., No. 6:15-cv-00468 (E.D. Texas), May 8, 2015, 26 pages.	
	NPL929	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. BMC Software, Inc., No. 6:15-cv-00464 (E.D. Texas), May 8, 2015, 17 pages.	
	NPL930	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al., No. 6:15-cv-00467 (E.D. Texas), May 8, 2015, 41 pages.	
	NPL931	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al., No. 6:15-cv-00469 (E.D. Texas), May 8, 2015, 34 pages.	
	NPL932	Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al., No. 6:15-cv-00470 (E.D. Texas), May 8, 2015, 17 pages.	
	NPL933	First Amended Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al., No. 6:15-cv-00469 (E.D. Texas), June 2, 2015, 50 pages.	

Examiner Signature	/Tesfaldet Bocure/	Date Considered	01/23/2016
--------------------	--------------------	-----------------	------------

*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 **PR2018-01413**

Substitute for form 1449/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	103	of	105
		Attorney Docket Number	2855.005000C

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
	NPL934	Defendants Actian Corporation and Pervasive Software Inc.'s Motion to Dismiss Complaint, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed July 24, 2015; 22 pages.	
	NPL935	Defendant Dropbox, Inc.'s Motion to Dismiss for Failure to State a Claim, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed July 24, 2015; 3 pages.	
	NPL936	Defendants SAP America Inc., Sybase, Inc., Hewlett-Packard Company, HP Enterprise Services, LLC, Dell Inc., BMC Software, Inc., Echostar Corporation, and Hughes Network Systems, LLC's Motion to Dismiss First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed July 24, 2015; 37 pages.	
	NPL937	Defendant Riverbed Technology's Motion to Dismiss for Failure to State a Claim, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed July 27, 2015; 3 pages.	
	NPL938	Dell Inc.'s Motion to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed July 28, 2015; 3 pages.	
	NPL939	First Amended Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed July 29, 2015; 42 pages.	
	NPL940	Realtime Data LLC d/b/a IXO's Answer to Hewlett-Packard Company and HP Enterprise Services, LLC's Counterclaim, filed in Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Tex.), filed August 3, 2015; 8 pages.	
	NPL941	Defendant's Reply Brief on their Motion to Dismiss First Amended Complaint, filed in Realtime Data LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL, filed September 11, 2015; 15 pages.	
	NPL942	Defendants Actian Corporation and Pervasive Software Inc.'s Motion to Dismiss First Amended Complaint, filed in Realtime Data LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL, filed September 29, 2015; 32 pages.	
	NPL943	Defendants Hewlett-Packard Company and HP Enterprise Services, LLC's Answer and Counterclaims to Plaintiff's Second Amended Complaint for Patent Infringement Against Oracle America, Inc., filed in Realtime Data LLC d/b/a IXO v. Actian Corporation, et al., filed October 1, 2015; 23 pages.	

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 ~~PR2018-01413~~

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	104	of	105

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
	NPL944	Defendant Oracle America, Inc.'s Answer to Realtime Data LLC's Second Amended Complaint and Counterclaims, filed in Realtime Data LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL, filed October 1, 2015; 30 pages.	
	NPL945	Defendants SAP America Inc., Sybase, Inc., Hewlett-Packard Company, HP Enterprise Services, LLC, Dell Inc., Echostar Corporation, Hughes Network Systems, LLC, Dropbox, Inc., and Riverbed Technology, Inc.'s Motion to Dismiss Amended Complaints, filed in Realtime Data LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL, filed October 1, 2015; 11 pages.	
	NPL946	Defendant Teradata Operations, Inc.'s Answer, Affirmative Defenses, and Counterclaims to Plaintiff Realtime Data LLC's Amended Complaint, filed in Realtime Data LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL, filed October 2, 2015; 23 pages.	
	NPL947	Complaint for Patent Infringement, filed in Realtime Data LLC d/b/a IXO v. Apple, Inc., Case No. 6:15-cv-00885, filed October 6, 2015; 17 pages.	
	NPL948	Court Docket History for Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al., Case No. 4:14-cv-00827 (E.D. Texas), downloaded October 28, 2015, 5 pages.	
	NPL949	Court Docket History for Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al., Case No. 6:15-cv-00463 (E.D. Texas), downloaded October 28, 2015, 19 pages.	
	NPL950	Court Docket History for Realtime Data, LLC d/b/a IXO v. Dropbox, Inc., Case No. 6:15-cv-00465 (E.D. Texas), downloaded October 28, 2015, 4 pages.	
	NPL951	Court Docket History for Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al., Case No. 6:15-cv-00466 (E.D. Texas), downloaded October 28, 2015, 3 pages.	
	NPL952	Court Docket History for Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al., Case No. 6:15-cv-00468 (E.D. Texas), downloaded October 28, 2015, 3 pages.	
	NPL953	Court Docket History for Realtime Data, LLC d/b/a IXO v. BMC Software, Inc., Case No. 6:15-cv-00464 (E.D. Texas), downloaded October 28, 2015, 3 pages.	
Examiner Signature	/Tesfaldet Bocure/		Date Considered 01/23/2016

*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 **PR2018-01413**

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2668
		Examiner Name	To Be Assigned
Sheet	105	of	105
		Attorney Docket Number	2855.005000C

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
	NPL954	Court Docket History for Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al., Case No. 6:15-cv-00467 (E.D. Texas), downloaded October 28, 2015, 4 pages.	
	NPL955	Court Docket History for Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al., Case No. 6:15-cv-00469 (E.D. Texas), downloaded October 28, 2015, 5 pages.	
	NPL956	Court Docket History for Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al., Case No. 6:15-cv-00470 (E.D. Texas), downloaded October 28, 2015, 5 pages.	
	NPL957	Court Docket History for Realtime Data, LLC d/b/a IXO v. Apple, Inc., Case No. 6:15-cv-00885 (E.D. Texas), downloaded October 28, 2015, 2 pages.	
	NPL958	U.S. Patent Application No. 14/577,286, FALLON et al., "System and Methods for Video and Audio Data Distribution," filed December 19, 2014.	
	NPL959	U.S. Patent Application No. 14/733,565, FALLON et al., "System and Methods for Video and Audio Data Distribution," filed June 8, 2015.	
	NPL960	U.S. Patent Application No. 14/794,201, FALLON, "System and Methods for Accelerated Data Storage and Retrieval," filed July 8, 2015.	
	NPL961	U.S. Patent Application No. 14/844,973, FALLON, "System and Method for Data Feed Acceleration and Encryption," filed September 3, 2015.	
	NPL962	U.S. Patent Application No. 14/853,581, FALLON, "Data Feed Acceleration," filed September 14, 2015.	

2118293_1.DOCX

Examiner Signature	/Tsfaldet Bocure/	Date Considered	01/23/2016
-----------------------	-------------------	--------------------	------------

*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 **PR2018-01413**

WEST Search History for Application 14876276

Creation Date: 2016012317:53

Prior Art Searches

Query	DB	Hits	Op.	Plur.	Thes.	Date
((Fallen adj James).in. or (McErlain adj Stephen).in.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((Fallen).in. or (McErlain).in.)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
(select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
(select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) and @ad<=20010213	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4	PGPB, USPT, USOC,	n/a	OR	YES		01-23-2016

((compressing or compression))) and ((((Fallen adj James).in. or (McErlain adj Stephen).in.)) or (((Fallen).in. or (McErlain).in.)))	EPAB, JPAB, DWPI, TDBD					
((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymmetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) and ((((Fallen adj James).in. or (McErlain adj Stephen).in.)))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
(selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymmetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (assymmetric \$4near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same (assymmetric\$4 near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same (parameter or parameters or attribute or attributes) same ((fast near4 slow) near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymmetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016

<p>((selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymmetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression))) and (((H03M7/30)) ((H03M7/3084)) ((H03M7/6094)) ((G06F15/7867)) ((G06T1/60)) ((H04N19/136))).CPC.)</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
<p>(((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymmetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) and (((H03M7/30)) ((H03M7/3059)) ((H03M7/3093)) ((H04L69/04)) ((H04N19/152)) ((H04N9/8042))).CPC.)</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
<p>("20010019630" "20010031092" "20010032128" "20010047473" "20010052038" "20020037035" "20020069354" "20020078241" "20020080871" "20020097172" "20020101367" "20020104891" "20020126755" "20020169950" "20020191692" "20030030575" "20030034905" "20030058873" "20030084238").PN.</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
<p>((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. or (375/382).ccls.)</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
<p>((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. or (375/382).ccls.) and (((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymmetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) or ((selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymmetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression))) or (((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymmetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))))</p>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	n/a	OR	YES		01-23-2016
<p>((375/240).ccls. or (375/240.01).ccls. or (375/240.02).ccls. or (341/50).ccls. or (341/51).ccls. or (341/126).ccls.) and (((select\$4 or choos\$4)</p>	PGPB, USPT, USOC,	49	OR	YES		01-23-2016

<p>near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) or ((selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression))) or (((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))))</p>	<p>EPAB, JPAB, DWPI, TDBD</p>					
<p>((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$3 or (lempel adj2 ziv) and (arithmetic)) near4 (compressing or compression))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>26</p>	<p>OR</p>	<p>YES</p>		<p>01-23-2016</p>
<p>(((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) or ((selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression))) or (((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))) or (((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$3 or (lempel adj2 ziv) and (arithmetic)) near4 (compressing or compression))))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>85</p>	<p>OR</p>	<p>YES</p>		<p>01-23-2016</p>
<p>(((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or (selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$3 or (lempel adj2 ziv) and (arithmetic)) near4 (compressing or compression))))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>49</p>	<p>OR</p>	<p>YES</p>		<p>01-23-2016</p>

<p>and (arithmetic)) near4 (compressing or compression)))) and (((375/240).ccls. or (375/240.01).ccls. or (375/240.02).ccls. or (341/50).ccls. or (341/51).ccls. or (341/126).ccls.) and ((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or (selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression))))</p>						
<p>(((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or (selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$3 or (lempel adj2 ziv)) and (arithmetic)) near4 (compressing or compression)))) and (((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. or (375/382).ccls.))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>69</p>	<p>OR</p>	<p>YES</p>		<p>01-23-2016</p>
<p>(((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or (selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$3 or (lempel adj2 ziv))</p>	<p>PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD</p>	<p>64</p>	<p>OR</p>	<p>YES</p>		<p>01-23-2016</p>

and (arithmetic)) near4 (compressing or compression))) and ((H03M7/30 H03M7/3059 H03M7/3084 H03M7/6094 H03M7/3088 H03M7/6023 H03M7/6064 H04N19/152 G11B20/00007).CPC.)						
("20150334390" "3394352" "3490690" "4021782" "4032893" "4054951" "4127518" "4302775" "4325085" "4360840" "4386416" "4394774" "4464650" "4494108" "4499499" "4574351" "4626829" "4646061" "4682150" "4701745").PN.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	68	OR	YES		01-23-2016
((("20150334390" "3394352" "3490690" "4021782" "4032893" "4054951" "4127518" "4302775" "4325085" "4360840" "4386416" "4394774" "4464650" "4494108" "4499499" "4574351" "4626829" "4646061" "4682150" "4701745").PN.) and (((select\$4 or choos\$4) near4 ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) and ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or (selecting or select or choose or choosing) near4 ((compress or compression or compressing) near4 (algorithm or algorithms or mode or modes)) same ((assymetric\$4 or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$ or (lempel adj2 ziv)) near4 (compressing or compression)) or ((multiple or plural\$4 or two or three or four or five) near5 encoder\$) same ((assymetric\$3 or (lempel adj2 ziv) and (arithmetic)) near4 (compressing or compression))))	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	1	OR	YES		01-23-2016


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	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2482
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	1	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
	NPL1	Plaintiff Realtime Data LLC d/b/a IXO's Opposition to Defendant's Motions to Dismiss Amended Complaints with associated attachments, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 200 pages.	
	NPL2	Realtime Data LLC, d/b/a IXO's Answer to Hewlett-Packard Company and HP Enterprise Services, LLC's Counterclaims to Second Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 9 pages.	
	NPL3	Realtime Data LLC, d/b/a IXO's Answer to Oracle America, Inc.'s Counterclaims to Second Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 8 pages.	
	NPL4	Realtime Data LLC, d/b/a IXO's Answer to Teradata Operations, Inc.'s Counterclaims to First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 9 pages.	
	NPL5	Defendants SAP America Inc., SyBase, Inc., Hewlett-Packard Company, HP Enterprise Services, LLC, Dell Inc., Echostar Corporation, Hughes Network Systems, LLC, Dropbox, Inc., and Riverbed Technology, Inc.'s Reply Brief on their Motion to Dismiss Amended Complaints, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 30, 2015; 15 pages.	
	NPL6	Reply in Support of Defendants Actian Corporation and Pervasive Software Inc.'s Motion to Dismiss First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 6, 2015; 14 pages.	
	NPL7	Plaintiff Realtime Data, LLC d/b/a IXO's Sur-Reply to SAP Defendants' Motions to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 9, 2015; 13 pages.	
	NPL8	Reply in Support of Defendants Actian Corporation and Pervasive Software Inc.'s Motion to Dismiss First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15 cv-00463-RWS-JDL (E.D. Texas), filed November 10, 2015; 13 pages.	
	NPL9	Plaintiff Realtime Data LLC d/b/a IXO's Sur-Reply to SAP Defendants' Motions to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 10, 2015; 13 pages.	
	NPL10	Report and Recommendation of United States Magistrate Judge regarding Defendant Dell, Inc.'s Motion to Dismiss Failure to State a Claim pursuant to Fed. R. Civ. P. 12(b)(6), filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 30, 2015; 12 pages.	
NON PATENT LITERATURE DOCUMENTS			
Examiner Signature	/Tesdaidet Bocure/		Date Considered
			01/23/2016

*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

Search Notes 	Application/Control No. 14876276	Applicant(s)/Patent Under Reexamination FALLON ET AL.
	Examiner TESFALDET BOCURE	Art Unit 2634

CPC- SEARCHED		
Symbol	Date	Examiner
((H03M7/30)) ((H03M7/3084)) ((H03M7/6094)) ((G06F15/7867)) ((G06T1/60)) ((H04N19/136).CPC.)	01/22/2016	TB
((H03M7/30)) ((H03M7/3059)) ((H03M7/3093)) ((H04L69/04)) ((H04N19/152)) ((H04N9/8042).CPC.)	01/22/2016	TB
((H03M7/30 H03M7/3059 H03M7/3084 H03M7/6094 H03M7/3088 H03M7/6023 H03M7/6064 H04N19/152 G11B20/00007).CPC.)	01/23/2016	TB

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
375	240, 240.01, 240.02	01/22/2016	TB
341	50, 51, 126	01/22/2016	TB
375, 370, 348, 341, 711, 701, 381	Search ALL (\$8.ccls.)	01/22/2016	TB
375, 370, 348, 341, 711, 701, 381	Search Updated ALL	01/23/2016	

SEARCH NOTES		
Search Notes	Date	Examiner
WEST and Inventor's Name Searched	01/22/2016	TB
See Related parent application 14/733,565 for further prosecution History	01/22/2016	TB
WEST Search Updated	01/23/2016	TB

--	--

INTERFERENCE SEARCH

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

--	--



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 4 columns: APPLICATION NUMBER (14/876,276), FILING OR 371(C) DATE (10/06/2015), FIRST NAMED APPLICANT (James J. FALLON), ATTY. DOCKET NO./TITLE (3421.005000C)

CONFIRMATION NO. 3403

PUBLICATION NOTICE

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



Title:Video Data Compression Systems

Publication No.US-2016-0029018-A1

Publication Date:01/28/2016

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.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

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

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	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2634
				Examiner Name	BOCURE, TESFALDET
				Attorney Docket Number	2855.005000C
Sheet	1	of	3		

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	Defendants' Objections to the Report and Recommendation of Magistrate Judge (ECF No. 184), filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed December 15, 2015; 13 pages.	
	NPL2	Plaintiff Realtime Data LLC's Response to SAP Defendants' Objections to Magistrate Judge Love's Report and Recommendation on Defendants' Motion to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed January 4, 2016; 11 pages.	
	NPL3	Petition for Inter Partes Review of Claim 48 of U.S. Patent No. 7,378,992, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00373 (P.T.A.B.), filed December 22, 2015; 69 pages.	
	NPL4	Petition for Inter Partes Review of Claims 1, 2, 4, 6, 11-16, 18-20, 22 of U.S. Patent No. 8,643,513, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00374 (P.T.A.B.), filed December 22, 2015; 68 pages.	
	NPL5	Petition for Inter Partes Review of Claims 1-2, 4, 10-12, 18-20 of U.S. Patent No. 7,415,530, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00375 (P.T.A.B.), filed December 22, 2015; 62 pages.	
	NPL6	Petition for Inter Partes Review of Claim 24 of U.S. Patent No. 7,415,530, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00376 (P.T.A.B.), filed December 22, 2015; 68 pages.	
	NPL7	Petition for Inter Partes Review of Claims 1-2, 9, 11, 21-22, 24-25 of U.S. Patent No. 9,116,908, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00377 (P.T.A.B.), filed December 22, 2015; 65 pages.	
	NPL8	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00373 (P.T.A.B.), filed December 22, 2015; 102 pages.	
	NPL9	HSU, et al., "Automatic Synthesis of Compression Techniques for Heterogeneous Files," Software - Practice and Experience, Vol. 25, Issue 10, October 1995; pp. 1097-1116.	
	NPL10	STORER, J., Data Compression Methods and Theory, Rockville, MD: Computer Science Press, 1988.	

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.

Substitute for form 1449/PTO				<i>Complete if Known</i>	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	14/876,276
				Filing Date	October 6, 2015
				First Named Inventor	James J. FALLON
				Art Unit	2634
				Examiner Name	BOCURE, TESFALDET
				Attorney Docket Number	2855.005000C
Sheet	2	of	3		

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
	NPL11	HUFFMAN, D., "A Method for the Construction of Minimum-Redundancy Codes," Proceedings of the I.R.E., September 1952, pp. 1098-1101.	
	NPL12	ZIV, et al., "A Universal Algorithm for Sequential Data Compression," IEEE Transactions on Information Theory, Vol. IT-23, No. 3, May 1977; 337-343.	
	NPL13	ZIV, et al., "Compression of Individual Sequences via Variable-Rate Coding," IEEE Transactions on Information Theory, Vol. IT-24, No. 5, September 1978; 530-536.	
	NPL14	First Amended Complaint for Patent Infringement, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas), filed April 11, 2011; 15 pages.	
	NPL15	Joint Motion to Stay All Pending Deadlines Between Plaintiff Realtime Data, LLC d/b/a IXO and Defendant Cellco Partnership d/b/a Verizon Wireless, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas)	
	NPL16	Joint Motion for Dismissal with Prejudice of Defendant Cellco Partnership d/b/a Verizon Wireless, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas), filed October 17, 2012; 2 pages.	
	NPL17	Order regarding Joint Motion for Dismissal with Prejudice, filed in Realtime Data, LLC d/b/a IXO v. MetroPCS Texas, LLC, et al., Case No. 6:10-cv-00493-LED (E.D. Texas), filed October 19, 2012; 1 page.	
	NPL18	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00374 (P.T.A.B.), filed December 22, 2015; 118 pages.	
	NPL19	Submission Under 37 C.F.R. 1.114(c) and Preliminary Amendment Under 37 C.F.R. 1.115, filed October 10, 2013, in the prosecution of U.S. Patent Appl. No. 13/154,211; 10 pages.	
	NPL20	Declaration of Professor James A. Storer, filed in Oracle America, Inc. v. Realtime Data, LLC, Case No. IPR2016-00375 (P.T.A.B.), filed December 28, 2015; 82 pages.	

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 Acknowledgement Receipt

EFS ID:	24589543
Application Number:	14876276
International Application Number:	
Confirmation Number:	3403
Title of Invention:	Video Data Compression Systems
First Named Inventor/Applicant Name:	James J. FALLON
Customer Number:	26111
Filer:	Michael V. Messinger/William Flanigen
Filer Authorized By:	Michael V. Messinger
Attorney Docket Number:	2855.005000C
Receipt Date:	11-JAN-2016
Filing Date:	06-OCT-2015
Time Stamp:	17:18:29
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		2855005000C_2SIDS.pdf	1730633 <small>1c3e8b70e89f09efa7d0af2aec9657510eee6c2d</small>	yes	12

Multipart Description/PDF files in .zip description			
	Document Description	Start	End
	Miscellaneous Incoming Letter	1	1
	Transmittal Letter	2	8
	Information Disclosure Statement (IDS) Form (SB08)	9	12

Warnings:

Information:

2	Non Patent Literature	NPL3_IPR201600373_Petition.pdf	496779 1f12099c6cb62c33dd395ba9e7e7bde2240003a0	no	69
---	-----------------------	--------------------------------	--	----	----

Warnings:

Information:

3	Non Patent Literature	NPL4_IPR201600374_Petition.pdf	508217 bbd10d959f3dcd7728f81fdbf8db90221dd909bc	no	68
---	-----------------------	--------------------------------	--	----	----

Warnings:

Information:

4	Non Patent Literature	NPL5_IPR201600375_Petition.pdf	376384 48e2e6d5cb914f401ac613592e8ee6b430f56ce4	no	62
---	-----------------------	--------------------------------	--	----	----

Warnings:

Information:

5	Non Patent Literature	NPL6_IPR201600376_Petition.pdf	403027 4e61fb115dbe38138d377da76a6200178fe78934	no	68
---	-----------------------	--------------------------------	--	----	----

Warnings:

Information:

6	Non Patent Literature	NPL7_IPR201600377_Petition.pdf	401168 e7b92235a0c34c7b5d61107618e85d298aedba1	no	65
---	-----------------------	--------------------------------	---	----	----

Warnings:

Information:

7	Non Patent Literature	NPL8_IPR201600373_Storer_Declaration.pdf	1147358 2bcfa3e655b2b891d9be3e3d4f2f7093caca52b4	no	102
---	-----------------------	--	---	----	-----

Warnings:

Information:

8	Non Patent Literature	NPL9_Hsu_1995.pdf	739831 952e1ba042ac5e73e021022537ef54aa05d848e1	no	23
---	-----------------------	-------------------	--	----	----

Warnings:

IPR2018-01413

Information:					
9	Non Patent Literature	NPL10_Storer_1988.pdf	10476751 eb4dfbe8c22fe18ea06e817cb05973cb36a4efc1	no	413
Warnings:					
Information:					
10	Non Patent Literature	NPL11_Huffman_1952.pdf	7281532 a4de88641c0cdf6d23e46c4cd64041ec9a8b1da9	no	4
Warnings:					
Information:					
11	Non Patent Literature	NPL12_Ziv_1977.pdf	1584156 7acb2ae2056c3500c3f4b93c2be8eecb56861600	no	7
Warnings:					
Information:					
12	Non Patent Literature	NPL13_Ziv_1978.pdf	4489479 5bf41119c2d5539a4f88aebc285a7b0cc1e92229	no	7
Warnings:					
Information:					
13	Non Patent Literature	NPL14_First_Amended_Complaint_MetroPCS_04112011.pdf	132774 691eb54dd75774904aa4e6731e4159c15f595848	no	15
Warnings:					
Information:					
14	Non Patent Literature	NPL15_Joint_Motion_to_Stay_MetroPCS_09182012.pdf	61702 3c0616898686dff8bbf2eff85114fe26a6ea8b86	no	3
Warnings:					
Information:					
15	Non Patent Literature	NPL16_Joint_Motion_for_Dissmissal_MetroPCS_10172012.pdf	124192 2df7bed63635f9521674c2920c9e56adb1726f48	no	2
Warnings:					
Information:					
16	Non Patent Literature	NPL17_Order_MetroPCS_10192012.pdf	103443 c067b4cccf264b07c6338e9a67a15d177980074a	no	1
Warnings:					
Information:					
17	Non Patent Literature	NPL18_IPR201600374_Storer_Declaration.pdf	1321311 c95fb0b1bc6e81da75abd033bfd1de9657a72d8a	no	118
Warnings:					

Information:					
18	Non Patent Literature	NPL19_Preliminary_Amendment_10102013.pdf	2251066 6e9fd3ab2401cef8c8a571afd23f4a7c5fb3e3f8	no	10
Warnings:					
Information:					
19	Non Patent Literature	NPL20_IPR201600375_Storer_Declaration.pdf	2788557 3e2daeaec55b5dd59d5b3d5a8fbc08707a0fa080	no	82
Warnings:					
Information:					
20	Non Patent Literature	NPL2_Realtime_Response_to_Objections_to_Magistrate_Report_01042016.pdf	251073 5ccc22e2bbe06414a0829bc0a90bd4d28a1f1a93	no	11
Warnings:					
Information:					
21	Non Patent Literature	NPL1_Objections_to_Magistrate_Report_12152015.pdf	182662 c0c0978ec04a8badb32f6b9a66be1b2809c41f98	no	13
Warnings:					
Information:					
22	Non Patent Literature	NPL21_IPR201600376_Storer_Declaration.pdf	524401 d1c71a6a8ddf1a80e2a369030fc29ae3b46dd81a1	no	86
Warnings:					
Information:					
23	Non Patent Literature	NPL22_Bandwidth_Definition.pdf	283490 9d946014db9d9a008dacfaea6568b8c68113255f	no	3
Warnings:					
Information:					
24	Non Patent Literature	NPL23_IPR201600377_Storer_Declaration.pdf	2852968 5f691915d7de352b3d10e7d1343e110fc0cc5c662	no	83
Warnings:					
Information:					
25	Non Patent Literature	NPL24_TPR_Comments_on_Response_95001928_07252012.pdf	268391 4ca27740091d58b1f93868bbad2ecfaac2fb236	no	21
Warnings:					
Information:					
26	Non Patent Literature	NPL25_Apple_Answer_12172015.pdf	126624 7851c4174803fd442932c487941c359f883fa39f	no	10
Warnings:					

Information:	
Total Files Size (in bytes):	40907969
<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



January 11, 2016

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

Confirmation No. 3403
Art Unit 2634
Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 14/876,276; Filing Date: October 6, 2015
For: **Video Data Compression Systems**
Inventors: FALLON *et al.*
Our Ref: 2855.005000C

Commissioner:

Transmitted herewith for appropriate action are the following documents:

1. Second Supplemental Information Disclosure Statement;
2. Form PTO/SB/08a (1 sheet) listing 1 document (**US1**);
3. Form PTO/SB/08b (3 sheets) listing 25 documents (**NPL1-NPL25**); and
4. Copies of cited documents (**NPL1-NPL25**).

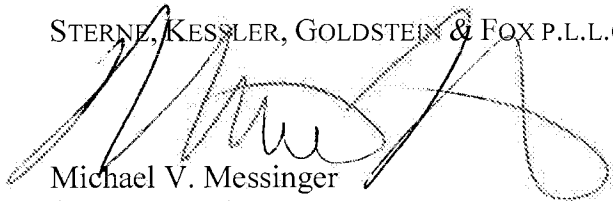
The above-listed documents are filed electronically through EFS-Web.

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/wef
Enclosures

2753387_1.DOCX

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FALLON *et al.*

Applicant: Realtime Data, LLC

Application No.: 14/876,276

Filing Date: October 6, 2015

Title: **Video Data Compression Systems**

Confirmation No.: 3403

Art Unit: 2634

Examiner: BOCURE, TESFALDET

Atty. Docket: 2855.005000C

Second Supplemental Information Disclosure Statement

Mail Stop Amendment

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

Proceeding	Status
Inter Partes Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517)	Appeal to the Court of Appeals for the Federal Circuit dismissed 6/4/2015
Inter Partes Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544)	Decision on Appeal mailed 10/29/2015

Applicant hereby calls 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
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922)	Inter Partes Reexamination Certificate issued 12/05/2013
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923)	Inter Partes Reexamination Certificate issued 04/17/2015
Inter Partes Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924)	Inter Partes Reexamination Certificate issued 08/04/2014
Inter Partes Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925)	Inter Partes Reexamination Certificate issued 11/03/2014
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926)	Inter Partes Reexamination Certificate issued 01/08/2014
Inter Partes Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927)	Inter Partes Reexamination Certificate issued 08/16/2013
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928)	Inter Partes 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.

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

Proceeding	Patent	Status
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00373	7,378,992	Petition filed December 22, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00374	8,643,513	Petition filed December 22, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00375	7,415,530	Petition filed December 28, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00376	7,415,530	Petition filed December 28, 2015
<i>Oracle America, Inc. v. Realtime Data, LLC</i> , IPR2016-00377	9,116,908	Petition filed December 28, 2015

Applicant invites the Examiner to review the petitions for *inter partes* review and any other papers in the above-identified *inter partes* review proceedings. If the Examiner is unable to obtain copies of papers in any *inter partes* review 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 *inter partes* reviews are listed as documents **US1** and **NPL3-NPL24**.

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)	Case Terminated 11/9/2012; 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)	Case Terminated 11/9/2012; 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) (transferred from E.D. Texas; No. 6:09-cv-00327-LED)	Case Terminated 11/9/2012; Opinion of the Court of Appeals for the 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
11	<i>Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al.</i> , No. 4:14-cv-00827 (E.D. Texas)	Dismissed May 1, 2015
12	<i>Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al.</i> , No. 6:15-cv-00463 (E.D. Texas)	Amended Complaints for Patent Infringement filed September 14, 2015
13	<i>Realtime Data, LLC d/b/a IXO v. Dropbox, Inc.</i> , No. 6:15-cv-00465 (E.D. Texas)	Consolidated with Case No. 12
14	<i>Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al.</i> , No. 6:15-cv-00466 (E.D. Texas)	Consolidated with Case No. 12
15	<i>Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al.</i> , No. 6:15-cv-00468 (E.D. Texas)	Consolidated with Case No. 12
16	<i>Realtime Data, LLC d/b/a IXO v. BMC Software, Inc.</i> , No. 6:15-cv-00464 (E.D. Texas)	Terminated October 5, 2015
17	<i>Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al.</i> , No. 6:15-cv-00467 (E.D. Texas)	Consolidated with Case No. 12
18	<i>Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al.</i> , No. 6:15-cv-00469 (E.D. Texas)	Consolidated with Case No. 12
19	<i>Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al.</i> , No. 6:15-cv-00470 (E.D. Texas)	Consolidated with Case No. 12
20	<i>Realtime Data, LLC d/b/a IXO v. Apple, Inc.</i> , No. 6:15-cv-00885 (E.D. Texas)	Complaint filed October 6, 2015

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

Atty. Dkt. No. 2855.005000C

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.

Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Copies of documents **NPL1-NPL25** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2)(ii), no copy of the U.S. patent cited as document **US1** on the attached IDS Form is submitted.

It is expected that the examiner will review the prosecution and cited art in the parent application nos. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19, 2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442); 14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6, 2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No.

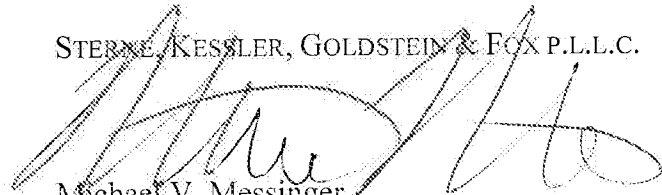
8,073,047); and 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046), in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

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 Applicant
Registration No. 37,575

Date:

January 11, 2016

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

2753386_1.DOCX

Atty. Dkt. No. 2855.005000C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Realtime Data LLC

Appl. No.: 14/876,276

Filed: October 6, 2015

For: **Video Data Compression Systems**

Confirmation No.: 3403

Art Unit: 2482

Examiner: To Be Assigned

Atty. Docket: 2855.005000C

Preliminary Amendment Under 37 C.F.R. § 1.115

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

Sir:

In advance of prosecution, Applicant respectfully requests this Application to be amended as directed herein.

It is not believed that extensions of time or fees for net addition of claims 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 fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments to the Specification

1. Applicant respectfully requests ¶ [0001] of the Specification as filed on October 6, 2015 be amended as follows:

[0001] This application is a continuation of United States Patent Application No. 14/733,565, filed on June 8, 2015, which is a continuation of United States Patent Application No. 14/577,286, filed on December 19, 2014, now abandoned, which is a continuation of United States Patent Application No. 14/134,933, filed on December 19, 2013, now U.S. Patent No. 8,929,442, which is a continuation of United States Patent Application No. 14/033,245, filed on September 20, 2013, now U.S. Patent No. 8,934,535, which is a continuation of United States Patent Application No. 13/154,239, filed on June 6, 2011, now U.S. Patent No. 8,553,759, which is a continuation of United States Patent Application No. 12/123,081, filed on May 19, 2008, now U.S. Patent No. 8,073,047, which is a continuation of United States Patent Application No. 10/076,013, filed on February 13, 2002, now U.S. Patent No. 7,386,046, which claims the benefit of United States Provisional Application No. 60/268,394, filed on February 13, 2001, each of which is fully incorporated herein by reference.

Amendments to the Claims

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

1. (Currently Amended) A system for compressing video data, comprising:
a plurality of different asymmetric data compression ~~encoders~~ algorithms, wherein a first asymmetric data compression ~~encoder~~ algorithm of the plurality of different asymmetric data compression ~~encoders~~ algorithms is configured to compress data at a higher data compression rate than a second asymmetric data compression ~~encoder~~ algorithm of the plurality of different asymmetric data compression ~~encoders~~ algorithms, wherein compression rate is measured in bits per second; and
one or more processors configured to:
determine one or more data parameters from one or more data blocks containing video data, at least one of the one or more data parameters relating to a throughput of a communications channel; and
select one or more asymmetric data compression ~~encoders~~ algorithms from among the plurality of different asymmetric data compression ~~encoders~~ algorithms based upon, at least in part, the determined one or more data parameters.

2. (Currently Amended) The system of claim 1 wherein at least one of the plurality of different asymmetric data compression ~~encoders~~ algorithms is an arithmetic encoder.

3. (Original) The system of claim 1, wherein the throughput of the communications channel comprises:

an actual throughput of the communications channel.

4. (Original) The system of claim 1, wherein the throughput of the communications channel comprises:

an estimated throughput of the communications channel.

5. (Original) The system of claim 1, wherein the throughput of the communications channel comprises:

an expected throughput of the communications channel.

6. (Currently Amended) The system of claim 1, wherein the one or more different asymmetric data compression ~~encoders~~ algorithms are configured to compress the one or more data blocks containing video data for different data transmission rates to produce a plurality of compressed data blocks.

7. (Currently Amended) The system of claim 1, wherein at least one of the plurality of different asymmetric data compression ~~encoders~~ algorithms comprises:

a lossless data compression ~~encoder~~ algorithm.

8. (Original) The system of claim 1, wherein at least one of the one or more data parameters comprises:

a resolution of the one or more data blocks containing video data.

9. (Original) The system of claim 1, wherein at least one of the one or more data parameters comprises:

a data transmission rate of the one or more data blocks containing video data.

10. (Original) The system of claim 1, wherein at least one of the one or more data parameters comprises:

an attribute or a value related to a format or a syntax of video data contained in the one or more data blocks containing video data.

11. (Currently Amended) The system of claim 1, wherein the selected one or more asymmetric data compression ~~encoders~~ algorithms comprise:

a content-dependent data compression ~~encoder~~ algorithm.

12. (Currently Amended) The system of claim 11, wherein the content-dependent data compression ~~encoder~~ algorithm comprises:

an arithmetic ~~encoder~~ algorithm.

13. (Currently Amended) The system of claim 1, wherein the selected one or more asymmetric data compression ~~encoders~~ algorithms are configured to perform compression in real-time or substantially real-time.

14. (Original) The system of claim 1, wherein the communications channel comprises:

a distributed network.

15. (Original) The system of claim 14, wherein the distributed network comprises:

the Internet.

16. (Currently Amended) The system of claim 1, wherein the selected one or more asymmetric data compression ~~encoders~~ algorithms are utilized to compress the one or more data blocks containing video data to create one or more compressed data blocks, and

wherein a descriptor is associated with the one or more compressed data blocks that indicates the selected one or more asymmetric data compression ~~encoders~~ algorithms.

17. (Currently Amended) The system of claim 1, wherein the selected one or more asymmetric data compression ~~encoders~~ algorithms are utilized to compress the one or more data blocks containing video data to create one or more compressed data blocks, and

wherein a descriptor indicating the selected one or more asymmetric data compression ~~encoders~~ algorithms is included with the one or more compressed data blocks.

18. (Original) The system of claim 1, wherein at least one of the one or more data parameters comprises:

a video data profile.

19. (Currently Amended) A system for compressing video data, comprising:
a plurality of data compression ~~encoders~~ algorithms;

wherein at least one of the plurality of data compression ~~encoders~~ algorithms comprises an asymmetric data compression ~~encoder~~ algorithm, and

wherein at least one of the plurality of data compression ~~encoders~~ algorithms comprises an arithmetic data compression ~~encoder~~ algorithm,

wherein a first data compression ~~encoder~~ algorithm of the plurality of data compression ~~encoders~~ algorithms is configured to compress more bits per second of data than a second data compression ~~encoder~~ algorithm of the plurality of data compression ~~encoders~~ algorithms; and

one or more processors configured to:

determine one or more data parameters from one or more data blocks containing video data, at least one of the one or more data parameters relating to a throughput of a communications channel; and

select one or more data compression ~~encoders~~ algorithms from among the plurality of data compression ~~encoders~~ algorithms based upon, at least in part, the determined one or more data parameters.

20. (Original) The system of claim 19, wherein the throughput of the communications channel comprises:

an actual throughput of the communications channel.

21. (Original) The system of claim 19, wherein the throughput of the communications channel comprises:

an estimated or expected throughput of the communications channel.

22. (Currently Amended) The system of claim 19, wherein the selected one or more data compression ~~encoders~~ algorithms are configured to compress the one or more data blocks containing video data for different data transmission rates to produce a plurality of compressed data blocks.

23. (Currently Amended) The system of claim 19, wherein at least one of the plurality of data compression ~~encoders~~ algorithms comprises:

a lossless data compression ~~encoder~~ algorithm.

24. (Original) The system of claim 19, wherein at least one of the one or more data parameters are related to a resolution of the one or more data blocks containing video data.

25. (Original) The system of claim 19, wherein at least one of the one or more data parameters comprises:

a data transmission rate of the one or more data blocks containing video data.

26. (Original) The system of claim 19, wherein at least one of the one or more data parameters comprises:

an attribute or a value related to a format or a syntax of video data contained in the one or more data blocks containing video data.

27. (Currently Amended) The system of claim 19, wherein the selected one or more data compression ~~encoders~~ algorithms perform data compression in real-time or substantially real-time.

28. (Original) The system of claim 19, wherein the communications channel comprises:

a distributed network or the Internet.

29. (Currently Amended) The system of claim 19, wherein the one or more data blocks are compressed with the selected the one or more selected data compression ~~encoders~~ algorithms to create one or more compressed data blocks, and

wherein a descriptor is associated with the one or more compressed data blocks that indicates the selected data compression ~~encoder~~ algorithm.

30. (Original) The system of claim 19, wherein at least one of the one or more data parameters comprises:

a video data profile.

Amendments to the Abstract

1. Applicant respectfully requests the Abstract of the Disclosure as filed on October 6, 2015 be replaced as follows:

A system and method for compressing data is disclosed. The system and method include one or more of asymmetric data compression algorithms. A first asymmetric data compression algorithm of the one or more asymmetric data compression algorithms compresses data at a higher data compression rate than a second asymmetric data compression algorithm of the one or more asymmetric data compression algorithms. The system and method also include one or more processors that determine one or more data parameters from one or more data blocks and select one or more asymmetric data compression algorithms from among the one or more asymmetric data compression algorithms based upon, at least in part, the determined one or more data parameters.

Remarks

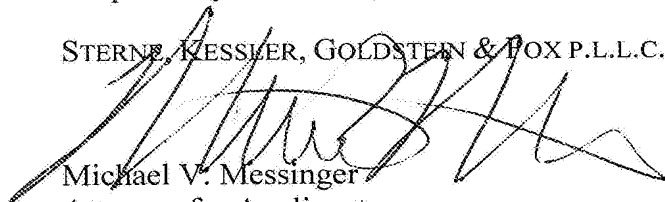
Upon entry of the foregoing amendment, claims 1-30 are pending in the application, with claims 1 and 19 being the independent claims. Claims 1, 2, 6, 7, 11-13, 16, 17, 19, 22, 23, 27, and 29 are sought to be amended. Applicant reserves the right to prosecute similar or broader claims, with respect to the amended claims, in the future. The Specification and the Abstract of the Disclosure as filed on June 8, 2015 are sought to be replaced. These changes are believed to introduce no new matter, and their entry is respectfully requested.

Conclusion

Prompt and favorable consideration of this Preliminary Amendment is respectfully requested. Applicant believes 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.

Respectfully submitted,

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



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

Date: December 11, 2015

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
2739479_1

Atty. Docket: 2855.005000C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: FALLON *et al.*

Applicant: Realtime Data, LLC

Application No.: 14/876,276

Filing Date: October 6, 2015

Title: **Video Data Compression Systems**

Confirmation No.: 3403

Art Unit: 2482

Examiner: To Be Assigned

Atty. Docket: 2855.005000C

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

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
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,486)	Inter Partes Reexamination Certificate issued 10/10/2012
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/000,466)	Inter Partes Reexamination Certificate issued 05/15/2012
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/000,453)	Terminated
Ex Parte Reexamination of U.S. Patent No. 6,601,104 (Control No. 90/009,428)	Ex Parte Reexamination Certificate issued 02/28/2012
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/000,478)	Inter Partes Reexamination Certificate issued 10/04/2012
Inter Partes Reexamination of U.S. Patent No. 6,624,761 (Control No. 95/000,464)	Inter Partes Reexamination Certificate issued 06/12/2012
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/000,479)	Inter Partes Reexamination Certificate issued 05/22/2012
Inter Partes Reexamination of U.S. Patent No. 7,714,747 (Control No. 95/001,517)	Appeal to the Court of Appeals for the Federal Circuit dismissed 6/4/2015

Proceeding	Status
Inter Partes Reexamination of U.S. Patent No. 7,417,568 (Control No. 95/001,533)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,777,651 (Control No. 95/001,581)	Decision on Appeal mailed 10/29/2015
Inter Partes Reexamination of U.S. Patent No. 7,400,274 (Control No. 95/001,544)	Decision on Appeal mailed 10/29/2015

Applicant hereby calls 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
Inter Partes Reexamination of U.S. Patent No. 7,321,937 (Control No. 95/001,922)	Inter Partes Reexamination Certificate issued 12/05/2013
Inter Partes Reexamination of U.S. Patent No. 6,604,158 (Control No. 95/001,923)	Inter Partes Reexamination Certificate issued 04/17/2015
Inter Partes Reexamination of U.S. Patent No. 7,352,300 (Control No. 95/001,924)	Inter Partes Reexamination Certificate issued 08/04/2014
Inter Partes Reexamination of U.S. Patent No. 7,395,345 (Control No. 95/001,925)	Inter Partes Reexamination Certificate issued 11/03/2014
Inter Partes Reexamination of U.S. Patent No. 7,161,506 (Control No. 95/001,926)	Inter Partes Reexamination Certificate issued 01/08/2014
Inter Partes Reexamination of U.S. Patent No. 7,415,530 (Control No. 95/001,927)	Inter Partes Reexamination Certificate issued 08/16/2013
Inter Partes Reexamination of U.S. Patent No. 7,378,992 (Control No. 95/001,928)	Inter Partes 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.

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)	Case Terminated 11/9/2012; 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)	Case Terminated 11/9/2012; 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) (transferred from E.D. Texas; No. 6:09-cv-00327-LED)	Case Terminated 11/9/2012; Opinion of the Court of Appeals for the 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
11	<i>Realtime Data, LLC d/b/a IXO v. Microsoft Corporation, et al.</i> , No. 4:14-cv-00827 (E.D. Texas)	Dismissed May 1, 2015
12	<i>Realtime Data, LLC d/b/a IXO v. Actian Corporation, et al.</i> , No. 6:15-cv-00463 (E.D. Texas)	Amended Complaints for Patent Infringement filed September 14, 2015
13	<i>Realtime Data, LLC d/b/a IXO v. Dropbox, Inc.</i> , No. 6:15-cv-00465 (E.D. Texas)	Consolidated with Case No. 12
14	<i>Realtime Data, LLC d/b/a IXO v. Echostar Corporation, et al.</i> , No. 6:15-cv-00466 (E.D. Texas)	Consolidated with Case No. 12
15	<i>Realtime Data, LLC d/b/a IXO v. Riverbed Technology, Inc., et al.</i> , No. 6:15-cv-00468 (E.D. Texas)	Consolidated with Case No. 12
16	<i>Realtime Data, LLC d/b/a IXO v. BMC Software, Inc.</i> , No. 6:15-cv-00464 (E.D. Texas)	Terminated October 5, 2015
17	<i>Realtime Data, LLC d/b/a IXO v. Oracle America, Inc., et al.</i> , No. 6:15-cv-00467 (E.D. Texas)	Consolidated with Case No. 12
18	<i>Realtime Data, LLC d/b/a IXO v. SAP America, Inc., et al.</i> , No. 6:15-cv-00469 (E.D. Texas)	Consolidated with Case No. 12
19	<i>Realtime Data, LLC d/b/a IXO v. Teradata Corporation, et al.</i> , No. 6:15-cv-00470 (E.D. Texas)	Consolidated with Case No. 12
20	<i>Realtime Data, LLC d/b/a IXO v. Apple, Inc.</i> , No. 6:15-cv-00885 (E.D. Texas)	Complaint filed October 6, 2015

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.

Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Copies of documents **NPL1-NPL11** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2)(ii), no copy of the U.S. patent application publication cited as document **US1** on the attached IDS Form is submitted.

Additionally, a copy of unpublished U.S. application **NPL12**, cited on the attached IDS Form, 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. § 1.98(a)(2)(iii) for a legible copy of the specification, including the claims, and drawings of each cited pending unpublished 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.

Applicant submits herewith an Office Action from the following co-pending, commonly-assigned U.S. Patent Application No.:

Document **NPL11** is a copy of a Final Office Action mailed on November 12, 2015, in the prosecution of co-pending, commonly-assigned U.S. Patent Application No. 14/305,692.

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. 14/733,565, filed June 8, 2015 (now pending); 14/577,286, filed December 19, 2014 (now abandoned); 14/134,933, filed December 19, 2013 (now U.S. Patent No. 8,929,442); 14/033,245, filed September 20, 2013 (now U.S. Patent No. 8,934,535); 13/154,239, filed June 6,

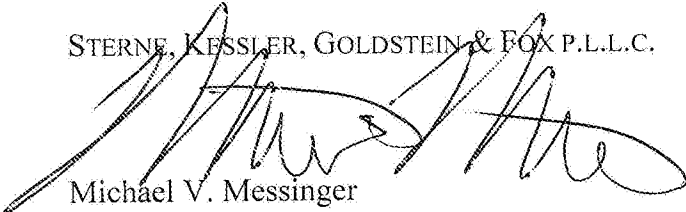
2011 (now U.S. Patent No. 8,553,759); 12/123,081, filed May 19, 2008 (now U.S. Patent No. 8,073,047); and 10/076,013, filed February 13, 2002 (now U.S. Patent No. 7,386,046) in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution 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 Applicant
Registration No. 37,575

Date: December 11, 2015

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

2743178_1.DOCX

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	14/876,276
		Filing Date	October 6, 2015
		First Named Inventor	James J. FALLON
		Art Unit	2482
		Examiner Name	To Be Assigned
		Attorney Docket Number	2855.005000C
Sheet	1	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
	NPL1	Plaintiff Realtime Data LLC d/b/a IXO's Opposition to Defendant's Motions to Dismiss Amended Complaints with associated attachments, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 200 pages.	
	NPL2	Realtime Data LLC, d/b/a IXO's Answer to Hewlett-Packard Company and HP Enterprise Services, LLC's Counterclaims to Second Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 9 pages.	
	NPL3	Realtime Data LLC, d/b/a IXO's Answer to Oracle America, Inc.'s Counterclaims to Second Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 8 pages.	
	NPL4	Realtime Data LLC, d/b/a IXO's Answer to Teradata Operations, Inc.'s Counterclaims to First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 19, 2015; 9 pages.	
	NPL5	Defendants SAP America Inc., SyBase, Inc., Hewlett-Packard Company, HP Enterprise Services, LLC, Dell Inc., Echostar Corporation, Hughes Network Systems, LLC, Dropbox, Inc., and Riverbed Technology, Inc.'s Reply Brief on their Motion to Dismiss Amended Complaints, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed October 30, 2015; 15 pages.	
	NPL6	Reply in Support of Defendants Actian Corporation and Pervasive Software Inc.'s Motion to Dismiss First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 6, 2015; 14 pages.	
	NPL7	Plaintiff Realtime Data, LLC d/b/a IXO's Sur-Reply to SAP Defendants' Motions to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 9, 2015; 13 pages.	
	NPL8	Reply in Support of Defendants Actian Corporation and Pervasive Software Inc.'s Motion to Dismiss First Amended Complaint, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15 cv-00463-RWS-JDL (E.D. Texas), filed November 10, 2015; 13 pages.	
	NPL9	Plaintiff Realtime Data LLC d/b/a IXO's Sur-Reply to SAP Defendants' Motions to Dismiss, filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 10, 2015; 13 pages.	
	NPL10	Report and Recommendation of United States Magistrate Judge regarding Defendant Dell, Inc.'s Motion to Dismiss Failure to State a Claim pursuant to Fed. R. Civ. P. 12(b)(6), filed in Realtime Data, LLC d/b/a IXO v. Action Corporation, et al., Case No. 6:15-cv-00463-RWS-JDL (E.D. Texas), filed November 30, 2015; 12 pages.	

NON PATENT LITERATURE DOCUMENTS			
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 Acknowledgement Receipt

EFS ID:	24340434
Application Number:	14876276
International Application Number:	
Confirmation Number:	3403
Title of Invention:	Video Data Compression Systems
First Named Inventor/Applicant Name:	James J. FALLON
Customer Number:	26111
Filer:	Michael V. Messinger/Ann-Marie Edelin
Filer Authorized By:	Michael V. Messinger
Attorney Docket Number:	2855.005000C
Receipt Date:	11-DEC-2015
Filing Date:	06-OCT-2015
Time Stamp:	16:49:22
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		2855005000CPAM.pdf	10214164 <small>9dfc3b45de8fead4017bc2d102dba0f7ec9f0f82</small>	yes	22

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Miscellaneous Incoming Letter	1	1	
Preliminary Amendment	2	2	
Specification	3	3	
Claims	4	11	
Abstract	12	12	
Applicant Arguments/Remarks Made in an Amendment	13	13	
Transmittal Letter	14	19	
Information Disclosure Statement (IDS) Form (SB08)	20	22	

Warnings:

Information:

2	Non Patent Literature	NPL1_Realtime_Opposition_to_Motions_to_Dismiss_Complaints_10192015.pdf	7092754 <small>20a06510e9b2fe9b53ba09a31817352039f1d633</small>	no	200
---	-----------------------	--	--	----	-----

Warnings:

Information:

3	Non Patent Literature	NPL2_Realtime_Answer_to_HP_Counterclaims_10192015.pdf	154461 <small>1c938061f7e85fd47814f05ee924135cb4b5ba06</small>	no	9
---	-----------------------	---	---	----	---

Warnings:

Information:

4	Non Patent Literature	NPL3_Realtime_Answer_to_Oracle_Counterclaims_10192015.pdf	151113 <small>348dda634816184b3847879d1c535f02e6f43533</small>	no	8
---	-----------------------	---	---	----	---

Warnings:

Information:

5	Non Patent Literature	NPL4_Realtime_Answer_to_Teradata_Counterclaims_10192015.pdf	155156 <small>4bc258ea7c7ddc710e6dcb3e734a723203750e7d</small>	no	9
---	-----------------------	---	---	----	---

Warnings:

Information:

6	Non Patent Literature	NPL5_Reply_Brief_on_Motion_to_Dismiss_10302015.pdf	214724 <small>4797986b07c7cca2043cbb047fc8f88fb3e898e0</small>	no	15
---	-----------------------	--	---	----	----

Warnings:					
Information:					
7	Non Patent Literature	NPL6_Reply_in_Support_of_Actian_Motion_to_Dismiss_11062015.pdf	219229 86b790fb5c7da633146662ee10cc45126e8dbba	no	14
Warnings:					
Information:					
8	Non Patent Literature	NPL7_Realttime_Surreply_to_Motion_to_Dismiss_11092015.pdf	146897 10435254b1eb81e831055be5a4233950b03c1cd8	no	13
Warnings:					
Information:					
9	Non Patent Literature	NPL8_Reply_Supporting_Motion_to_Dismiss_11102015.pdf	209851 720833a1eb715c3d0080e29955c2cf421c4ff1f98	no	13
Warnings:					
Information:					
10	Non Patent Literature	NPL9_Realttime_Surreply_to_Motion_to_Dismiss_11102015.pdf	146903 6e0af53096cdb1bc6685d4c1b25ef928f8b1eae6	no	13
Warnings:					
Information:					
11	Non Patent Literature	NPL10_Report_and_Recommendation_Actian_11302015.pdf	192313 2d1a486a96880596218dc3696d9b220a0a9ff390	no	12
Warnings:					
Information:					
12	Non Patent Literature	NPL11_FOA_14305692_11122015.pdf	390330 2f9f03d9627cf11870cf99ef88accbbee063682	no	10
Warnings:					
Information:					
Total Files Size (in bytes):			19287895		

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.