

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT3238051

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID STEPHEN REINER	02/05/2013
JOHN D HUSHON JR	02/05/2013
THOMAS J MCSWEENY	02/05/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMC CORPORATION
<b>Street Address:</b>	176 SOUTH STREET
<b>City:</b>	HOPKINTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14629573
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	508-435-1000
<b>Email:</b>	Docketing@emc.com
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<b>ATTORNEY DOCKET NUMBER:</b>	EMC-11-594(PR)OR1)CP1)CN1
<b>NAME OF SUBMITTER:</b>	JOSEPH D'ANGELO
<b>SIGNATURE:</b>	/Joseph D'Angelo/
<b>DATE SIGNED:</b>	02/24/2015
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

WHEREAS, we, John D. Hushon, Jr., David Stephen Reiner and Thomas J. McSweeney have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled *HETEROGENEOUS DATA FROM MULTIPLE SOURCES* (Application), the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on February 4, 2013 as U.S. Application No. 13/758,698;
- was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for me and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue,

divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we hereby authorize our attorneys, EMC Corporation, to insert here in parenthesis (13/758,698 filed on February 4, 2013) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Date: Feb 5, 2013

David Stephen Reiner  
Inventor's Signature

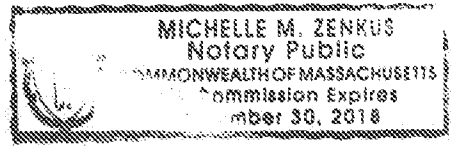
Print full name of second inventor: **David Stephen Reiner**  
Residence: 7 Russell Road, Lexington, MA 02420  
Citizenship: US  
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex

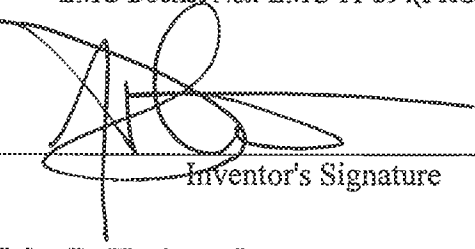
On this 5<sup>th</sup> day of February, 2013, then personally appeared before me the above-named David Stephen Reiner known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Michelle Zenkus  
Notary Public

Print Name: Michelle Zenkus  
My Commission expires 11/30/2018



Date: 2/5/2013

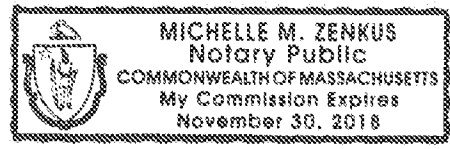
  
Inventor's Signature

Print full name of first inventor: **John D. Hushon, Jr.**  
Residence: 2 Alcott Way, Medfield, MA 02052  
Citizenship: US  
Mailing Address: Same as above

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex

On this 5<sup>th</sup> day of February, 2013, then personally appeared before me the above-named John D. Hushon Jr. known to me through satisfactory evidence of identification  employee identification card;  driver's license;  (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

  
Notary Public  
Print Name: Michelle Zenkus  
My Commission expires 11/30/2018



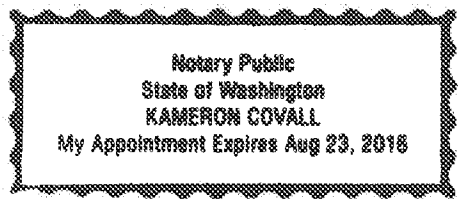
Date: FEBRUARY 5, 2013

[Signature]  
Inventor's Signature

Print full name of third inventor: **Thomas J. McSweeney**  
Residence: 1418 Ocean Beach Road, Hoquiam, WA 98550  
Citizenship: US  
Mailing Address: Same as above

STATE/Commonwealth of WA  
COUNTY OF Grays Harbor

On this 5th day of February, 2013, then personally appeared before me the above-named Thomas McSweeney known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) personally to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



[Signature]  
Notary Public  
Print Name: KAMERON COVALL  
My Commission expires 8/23/2016