

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3791533

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PANKAJ DATTA	12/15/2015
DARRICK P. LEW	12/14/2015
BHARAT SHARMA	12/24/2015
RECEIVING PARTY DATA	
Name:	EMC CORPORATION
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14986309
CORRESPONDENCE DATA	
Fax Number:	(216)696-8731
<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>	
Phone:	216-696-8730
Email:	epas@thepatentattorneys.com
Correspondent Name:	AMIN, TUROCY & WATSON, LLP
Address Line 1:	127 PUBLIC SQUARE
Address Line 2:	57TH FLOOR, KEY TOWER
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	EMC-15-0665/EMCIP104US
NAME OF SUBMITTER:	THOMAS E. WATSON
SIGNATURE:	/Thomas E. Watson/
DATE SIGNED:	03/18/2016
Total Attachments: 12	
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ASSIGNMENT OF PATENT RIGHTS

- (1) For good and valuable consideration, the receipt of which is hereby acknowledged, I [we], the undersigned inventor[s]:

Given Name:	Pankaj Datta		
Residence:	Acton, Massachusetts	Citizenship:	United States
Mailing Address:	24 Marshall Path		
	Acton, Massachusetts, 01720		

Given Name:	Darrick P. Lew		
Residence:	Seattle, Washington	Citizenship:	United States
Mailing Address:	1912 N 46th ST		
	Seattle, Washington, 98103		

Given Name:	Bharat Sharma		
Residence:	Westford, Massachusetts	Citizenship:	United Kingdom
Mailing Address:	9 Lanes End		
	Westford, Massachusetts, 01886		

hereby sell, assign, transfer, and convey unto:

EMC Corporation

a Corporation incorporated in Massachusetts State, having an address at 176 South Street, Hopkinton, Massachusetts, 01748 ("Assignee"), and its successors, assigns and legal representatives, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, "Patent Rights"):

- (a) The U.S. Patent Application ("Application") entitled:

SYSTEMS AND METHODS FOR BI-DIRECTIONAL REPLICATION OF
CLOUD TIERED DATA ACROSS INCOMPATIBLE CLUSTERS

which was filed on December 31, 2015 as

United States Application Number 14/986,309 and

which has been executed by the undersigned prior hereto or concurrently herewith;

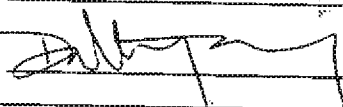
- (b) any and all patents and patent applications (i) to which the Application directly or indirectly claims priority, (ii) for which the Application directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that incorporate by reference, or are incorporated by reference into, the Application;
- (c) any and all reissue applications, reexaminations, extensions, continuation applications, continuation-in-part applications, continuing prosecution applications, requests for continued examination, divisional applications, substitute applications, renewal applications, registrations, and any and all other patent applications that have been or shall be filed in the U.S. relating to any item in any of the foregoing categories (a) and (b);
- (d) any and all patents (including, without limitation, reissues, continuations, continuations in part and divisions) issuing from or relating to any of the foregoing categories (a) through (c);
- (e) any and all foreign patents, foreign patent applications, and foreign counterparts relating to any item in any of the foregoing categories (a) through (d), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (f) any and all items in any of the foregoing in categories (a) through (e) whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (g) any and all inventions, invention disclosures, improvements, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, improvements, and discoveries;
- (h) any and all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (e) and (g), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (i) any and all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any item in any of the foregoing categories (a) through (e), (g), and (h), including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current, and future infringement; and
- (j) any and all rights to collect royalties and other payments under or on account of any item

in any of the foregoing categories (a) through (e) and (g) through (i).

- (2) I [we] agree to, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance will include providing prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. With prior written approval by Assignee, Assignee will pay Assignor's reasonable costs and expenses.
- (3) I [we] agree that said Assignee may apply for and receive patent or patents for said Patent Rights in its own name, and hereby authorize the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.
- (4) I [we] covenant that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others or will be made to others, and that full right to convey the Patent Rights as herein expressed is possessed.
- (5) I [we] hereby authorize and request the attorneys of Amin, Turocy & Watson, LLP of Cleveland, OH and Bellevue, WA to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.
- (6) I [we] agree that the terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon the undersigned.

IN TESTIMONY WHEREOF, I hereunto set my hands and seals the day and year set opposite my respective signature.

Inventor[s]:

Inventor's Name:	Pankaj Datta	
Inventor's Signature:		Date Dec 15, 2015

Inventor's Name: Darrick P. Lew

Inventor's Signature: _____ Date _____

Inventor's Name: Bharat Sharma

Inventor's Signature: _____ Date _____

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Mailing Address:	24 Marshall Path		
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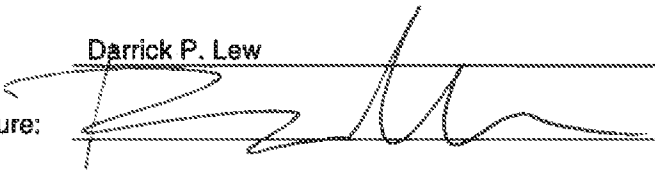
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Inventor[s]:

Inventor's Name: Pankaj Datta

Inventor's Signature: _____ Date _____

Inventor's Name: Darrick P. Lew

Inventor's Signature: 

Date 12/14/15

Inventor's Name: Bharat Sharma

Inventor's Signature: _____

Date _____

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Inventor's Name:	Pankaj Datta		
Inventor's Signature:	_____	Date	_____

Inventor's Name: Darrick P. Lew
Inventor's Signature: _____ Date _____

Inventor's Name: Bharat Sharma
Inventor's Signature: Bharat Sharma Date 12/24/15