504191008 01/23/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4237683

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
EMC IP HOLDING COM	PANY LLC		01/22/2017			
RECEIVING PARTY DA	TA					
Name:	EMC Corp	Corporation				
Street Address:	176 South	South Street				
City:	Hopkinton	inton				
State/Country:	MASSACH	SSACHUSETTS				
Postal Code:	01748	1748				
PROPERTY NUMBERS	Total: 5					
Property Type		Number				
Application Number: 1353		536425				
Application Number: 1496		968421				
Application Number: 1507		077184				
Patent Number: 9536		36244				
Patent Number: 8856		56081				
CORRESPONDENCE D	ATA					
CORRESPONDENCE D Fax Number:		8)562-1417				
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Fax Number: <i>Correspondence will be using a fax number, if j</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: IAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 3	(40 e sent to th provided; if (40 jea DE EM 283 SA	the e-mail address first; if that is unsucces that is unsuccessful, it will be sent via (18) 562-1446 (19) 562-144				

PATENT REEL: 041047 FRAME: 0844

PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT ("Assignment") is made as of January 22, 2017 by and between EMC IP Holding Company LLC, a Delaware limited liability company, with its principal place of business at 176 South Street, Hopkinton, Massachusetts 01748 ("Assignor") and EMC Corporation, a Massachusetts corporation, with its principal place of business at 176 South Street, Hopkinton, Massachusetts 01748 ("Assignee"), each individually referred to as a "Party" and collectively referred to as "Parties."

WHEREAS, Assignor owns certain United States patents listed on attached Schedule 1; and

WHEREAS, Assignee desires to receive from Assignor assignments to the Assigned Patents;

NOW THEREFORE, for good and valuable consideration, Assignor hereby assigns to Assignee, all of Assignor's entire right, title and interest, including the right to sue for and collect past damages and any other remedies, in and to the United States patents and patent applications listed on attached <u>Schedule</u> 1 (the "Assigned Patents") and any and all reissue, substitutions, division, continuation patents and reexamination certificates based on any of the foregoing patents or patent applications, as well as all foreign counterparts of Assigned Patents. Notwithstanding anything to the contrary herein, if and to the extent there are any immaterial transcription, typographical or other similar errors in the information provided on Schedule 1, any such errors shall not affect the assignment of the Assigned Patents.

Assignor hereby authorizes the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office, and the empowered officials of any other applicable offices, authorities, authorized agents, and governments to issue or transfer all said Assigned Patents to Assignee, as assignee thereof, or otherwise as Assignee may direct.

Assignor hereby agrees to execute all documents and take all other actions as may be necessary to effect the assignments and transfers set forth in this Assignment.

[Signature Page Follows]

Signed by Assignor and Assignce on the date first written above:

EMC IP HOLDING COMPANY LLC

As Assignor

By: <u>Knichnendn Grybn</u> Name: KRISHNEMDU GAN MAT Tille: SVP, LEGAL

EMC CORPORATION

As Assignee

By: <u>Kindenindn Grpt</u> Name: KRISHNELDU GUMTA Tile SVP, LEGAL



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Notary Public Commission Expires

> PATENT REEL: 041047 FRAME: 0846

SCHEDULE 1 TO PATENT ASSIGNMENT AGREEMENT

ASSIGNED PATENTS

Application Number	Patent Number	Filing Date	Application Title
13536425		28-Jun-12	SYSTEMS AND METHODS FOR HEALTH INFORMATION MESSAGES ARCHIVING
14968421		14-Dec-15	METHOD AND SYSTEM FOR DOCUMENT SIMILARITY ANALYSIS
15077184		22-Mar-2016	METHOD AND MECHANISM FOR CONTEXT DRIVEN ALTERATION OF UI ARTIFACTS INSTANCES BEHAVIOR USING EXPRESSION BASED PLUGGABLE UI ASPECTS
11430433	9,536,244	8-May-06	MANAGED CONTENT DELIVERY VIA WEB SERVICES
12494645	8,856,081	30-Jun-09	Single Retention Policy