503791902 04/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3838549

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN DOUGLAS	04/06/2016
DIPTANU DAS	04/06/2016

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:	15057631

CORRESPONDENCE DATA

Fax Number: (631)393-6271

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.

Phone: 631-393-6270

Email: nyoffice@rml-law.com Correspondent Name: JOSEPH B. RYAN

Address Line 1: 48 SOUTH SERVICE ROAD, SUITE 100

Address Line 2: RYAN, MASON & LEWIS, LLP Address Line 4: MELVILLE, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	EMC-15-1305
NAME OF SUBMITTER:	JOSEPH B. RYAN
SIGNATURE:	/joseph b. ryan/
DATE SIGNED:	04/20/2016

Total Attachments: 4

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> **PATENT** REEL: 038333 FRAME: 0590 503791902

ASSIGNMENT

WHEREAS, we, Kevin Douglas and Diptanu Das, 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 DETECTION AND REMEDIATION OF POTENTIALLY MALICIOUS FILES, the specification of which:

[X]	is being executed on States Patent Office;	even date herewith ar	d is about to be file	d in the United
[]	was filed on	as U.S. Appl	ication No.	;
[]	was patented under l	J.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, we 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 us had this assignment and sale not been made; we 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. We 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, we hereby further agree for ourselves and our 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

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giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we 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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

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Date: 4 - 6 - 20/	6 100
	Inventor's Signature
Print full name of first inventor:	Kevin Douglas
Residence:	Vienna, Virginia
Citizenship:	United States of America
Mailing Address:	9416 Shouse Drive
	Vienna, Virginia 22182
STATE/COMMONWEALTH OF COUNTY OF	Virginia Fairfax
above-named Kevin Douglas known employee identification card; [] d the person whose name is subscribed	, 20 100, then personally appeared before me the into me through satisfactory evidence of identification [] river's license; [] (other) to be do to the foregoing Assignment and acknowledged that he/she t and deed for the purposes therein contained.
Lauren Alexandra Cook - Notary Public Commission No. 7598527 My Commission Expires 1/31/2918	Print Name: <u>LAUY EV</u> (00K My Commission expires 01 / 31 / 2018

PATENT/Joint Assignment Attorney Docket No.: EMC-15-1305

Date: 04/06/2016	Diptanu Dag
	Inventor's Signature
Print full name of second inventor:	Diptanu Das
Residence:	Falls Church, Virginia
Citizenship:	India
Mailing Address:	7624 Matera Street
	Falls Church, Virginia 22043
	<u>Virginia</u> Fairtax
above-named Diptanu Das known to a employee identification card; [] dri the person whose name is subscribed	, 20 then personally appeared before me the me through satisfactory evidence of identification \[\] ver's license; \[\chi \] (other) to be to the foregoing Assignment and acknowledged that he/she and deed for the purposes therein contained.
Commonwealth of Virginia Lauren Alexandra Cook - Notary Public Commission No. 7598527 My Commission Expires 1/31/2018	Motary Public Print Name: LAUYEN (00) My Commission expires 01 / 31 / 2018