503827708 05/16/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ersion v1.1 EPAS ID: PAT3874357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHIKHAR PANDEY	05/14/2016
KARTIKEYA PUTTURAYA	05/14/2016
CHANDRA SEKAR RAO MUNAGANURI VENKATA	05/14/2016
GUPTA ABHISHEK	05/14/2016

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:	15155475

CORRESPONDENCE DATA

Fax Number: (631)393-6271

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ATTORNEY DOCKET NUMBER:	EMC-16-0199
NAME OF SUBMITTER:	JOSEPH B. RYAN
SIGNATURE:	/joseph b. ryan/
DATE SIGNED:	05/16/2016

Total Attachments: 6

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PATENT REEL: 038605 FRAME: 0070

ASSIGNMENT

WHEREAS, we, Shikhar Pandey, Kartikeya Putturaya, Chandra Sekar Rao Munaganuri Venkata and Gupta Abhishek, 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 NETWORK SESSION BASED USER BEHAVIOR PATTERN ANALYSIS AND ASSOCIATED ANOMALY DETECTION AND VERIFICATION, the specification of which:

[X]	is being executed on even date States Patent Office;	herewith and is about to be filed in the United
[]	was filed on	_as U.S. Application No;
[]	was patented under U.S. Paten	at 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,

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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, 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:

14-05-2016

Inventor's Signature

Print full name of first inventor:

Residence:

Citizenship:

Mailing Address:

Shikhar Pandey

Bangalore, Karnataka, India

India

D 201, Sriram Samrudhi Apartment

Kundanahalii Gates

Bangalore, Karnataka, India 560037

14-05-2016

Witness #1 Signature

Rokst Styans Dasan Witness #1 Print Name

14-05-2016

<u> Annod Kurno Yorh U</u> Witness #2 Print Name

.3.

Date: 14/05/2016	bady.
	Inventor & Signature
Print full name of second inventor:	Kartikeya Putturaya
Residence:	Bungalore, Karnataka, India
Citizenship:	India
Mailing Address:	14, 152, Ananda Nilaya Apartment Chennakeshava Layout, Hennur Main Road Bangalore, Karnataka, India 560084
<u> 14/05/2016</u>	ITW Parvina
Date	Witness #1 Signature <u> </u>
	Witness #1 Print Name
14/05/2010	Paucah Fasipila
Date	Witness #2 Signature
	Parely Darrhel
	Witness #2 Print Name

Date: 14/05/2016 Inventor's Signature Print full name of third inventor: Chandra Sekar Rao Munaganuri Venkata Residence: Bangalore, Karnataka, India Citizenship: India D-no: D-1, Site No: 279/1A Mailing Address: Sri Chaitanya PU College Road Next to E-Zone Club, Marathahalli Bangalore, Karnataka, India 560037 14/05/2016 Date HARSHAD BHARSAKLE
Witness #2 Print Name

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Inventor's Signature

Print full name of fourth inventor:

Residence:

Citizenship:

Mailing Address:

Gupta Abhishek

Bangalore, Kamataka, India

India

206, BM Shoma Paradise Appt, Brookfields

ITPL, Kundanhalli Main Road

Bangalore, Karnataka, India 560037

14/05/2016

Date

Witness #T Signature

Noveen.A

Witness #1 Print Name

14/05/2016

Date

Witness #2 Signature

Bishnu piya panda

Witness #2 Print Name

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