504030412 09/30/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4077071 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PREETI SHARMA	09/26/2016
BHEEMAPPA KATTIKAR	09/26/2016

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY LLC		
Street Address: 176 SOUTH STREET			
City:	HOPKINTON		
State/Country:	tate/Country: MASSACHUSETTS		
Postal Code:	01748		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15281347

CORRESPONDENCE DATA

Fax Number: (978)264-9119

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.

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Email: cmorrissette@smmalaw.com
Correspondent Name: ANDERSON GORECKI LLP

Address Line 1: 33 NAGOG PARK

Address Line 4: ACTON, MASSACHUSETTS 01720

ATTORNEY DOCKET NUMBER: 130-156 EMC-15-0403

NAME OF SUBMITTER: HOLMES W. ANDERSON

SIGNATURE: /Holmes W. Anderson/

DATE SIGNED: 09/30/2016

Total Attachments: 4

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> PATENT REEL: 039903 FRAME: 0824

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ASSIGNMENT

WHEREAS, we, Preeti Sharma and Bheemappa Kattikar have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for DATA INTEGRITY CHECK FOR VM DISASTER RECOVERY USING BACKUP APPLICATION, the specification of which:

[X]	Is being executed on even date herewith and is about to be filed in the Unit States Patent Office;			
[]	was filed on	as U.S. Application No;		
[]	was patented under U.S. Pa	tent Noon		

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company 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:

Inventor's Signature

Print full name of first inventor:

Preeti Sharma

Residence:

#51, Flat No G3, Say-Sam Apartment

6th Main, 14th Cross

Bangalore, Karnataka 560076

India

Citizenship:

Mailing Address:

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6th Main, 14th Cross

Bangalore, Karnataka 560076

India

Date: 26th Sep 2016	Date:	26 th	Sep	2016
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Print full name of second inventor:

Bheemappa Kattikar

Residence:

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5th Cross, Syndicate Bank Staff colony

ward no 55, BSK 3rd stage Bangalore, Karnataka 560085

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India

Byoth 26 09 2016. Witness Signature

K. S. Yogesh Witness Name (Print)

Guraj. Cultaconi.
Witness Name (Print)

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RECORDED: 09/30/2016