

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4672520

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LATHA RAMASWAMY	11/02/2017
ADEL HANNA	11/02/2017
JOHN GULBRANDSEN	11/02/2017
PRAVEEN TYAGI	11/02/2017
RAMESH MAKKENA	11/02/2017
RECEIVING PARTY DATA	
Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15802559
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	109881.01
NAME OF SUBMITTER:	JOSEPH B. RYAN
SIGNATURE:	/joseph b. ryan/
DATE SIGNED:	11/03/2017
Total Attachments: 7	

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ASSIGNMENT

WHEREAS, we, Latha Ramaswamy, Adel Hanna, John Gulbrandsen, Praveen Tyagi and Ramesh Makkena, 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 **CONTROLLED DISTRIBUTION OF FILES BASED ON DESIGNATED MACHINE FEED TYPE**, the specification of which:

is being executed on even date herewith and is about to be filed in the United States Patent Office;

was filed on _____ as U.S. Application No. _____;

was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware 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 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:

Date: 11/02/2017

[Signature]
Inventor's Signature

Print full name of first inventor: Latha Ramaswamy
Residence: Marlboro, Massachusetts
Citizenship: India
Mailing Address: 27 Redbud Way, Apt. 24
Marlboro, Massachusetts 01752

I Nanesh Kumar Ankuskar (name) whose residential address is
55 COMMONS DR, APT #7, STROUSBURY, MA, 01545

was personally present and did see Latha Ramaswamy (name of person signing the assignment)
who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at 32 COSLIN DR, SOUTHBOROUGH (location of witness signature)

on this day 2nd NOV of 2017. (date of signature)

I RAMAKRISHNA VAKALAPUDE (name) whose residential address is
25 HOLBROOK LN, NORTHBOROUGH


was personally present and did see Latha Ramaswamy (name of person signing the assignment)
who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at 32 COSLIN DR, SOUTHBOROUGH (location of witness signature)

on this day 2nd NOV of 2017. (date of signature)

Date: 11/2/2017


Inventor's Signature

Print full name of second inventor: Adel Hanna
Residence: North Grafton, Massachusetts
Citizenship: United States of America
Mailing Address: 33 Morgan Drive
North Grafton, Massachusetts 01536

I Nancy Kumar Antukani (name) whose residential address is
55 COMMONS DR, APT #7, SHEWSBURY, MA, 01545
was personally present and did see Adel Hanna (name of person signing the assignment) who is personally known to me, execute the above assignment.

Nancy Kumar (signature of first witness)

Signed at 82 Coslin Dr, Southborough (location of witness signature)

on this day 2nd Nov of 2017. (date of signature)

I RAMAKRISHNA NAKALAPUDI (name) whose residential address is
25 HOLBRODE LN, NORTHBOROUGH, MA 01532
was personally present and did see Adel Hanna (name of person signing the assignment) who is personally known to me, execute the above assignment.

N. Lakshmi (signature of second witness)

Signed at 32 COSLIN DR, SOUTHBOROUGH (location of witness signature)

on this day 2nd NOV of 2017. (date of signature)

Date: 11/2/2017

John Gulbrandsen
Inventor's Signature

Print full name of third inventor: John Gulbrandsen
Residence: Natick, Massachusetts
Citizenship: United States of America
Mailing Address: 2 Post Oak Lane #9
Natick, Massachusetts 01760

I Naveesh Kumar Ankitkani (name) whose residential address is
55 COMMONS DR, APT #7, SHREWSBURY, MA, 01545
was personally present and did see John Gulbrandsen (name of person signing the assignment)
who is personally known to me, execute the above assignment.

A. Naveesh Kumar (signature of first witness)

Signed at 32 Coslin Dr, Southborough (location of witness signature)

on this day 2nd Nov of 2017. (date of signature)

I RAMMERICHNA VAKALAPUDI (name) whose residential address is

25 HOLBROOK LN, NORTH BOROUM, MA 01532
was personally present and did see John Gulbrandsen (name of person signing the assignment)
who is personally known to me, execute the above assignment.

N. Vakalapudi (signature of second witness)

Signed at 32 COSLIN DR, SOUTH BOROUM (location of witness signature)

on this day 2nd NOV of 2017. (date of signature)

Date:

11/02/2017

Praveen Tyagi

Inventor's Signature

Print full name of fourth inventor:

Praveen Tyagi

Residence:

Westborough, Massachusetts

Citizenship:

India

Mailing Address:

293 Turnpike Road, Apt. 720

Westborough, Massachusetts 01581

I Naveesh Kumar Anand Karri (name) whose residential address is

55 COMMONS DR, APT #7, SHREWSBURY, MA, 01545

was personally present and did see Praveen Tyagi (name of person signing the assignment) who is personally known to me, execute the above assignment.

A. Naveesh Kumar

(signature of first witness)

Signed at 32 COLIN DR, SOUTH BOROUGH (location of witness signature)

on this day 2nd NOV of 2017. (date of signature)

I RAMA PRESHNA VAKALAPUDI (name) whose residential address is

25 HOLBROOK LN, NORTH BOROUGH

was personally present and did see Praveen Tyagi (name of person signing the assignment) who is personally known to me, execute the above assignment.

V. Prashna

(signature of second witness)

Signed at 32 COLIN DR, SOUTH BOROUGH (location of witness signature)

on this day 2nd NOV of 2017. (date of signature)

Date:

11/02/2017

M. Ramesh

Inventor's Signature

Print full name of fifth inventor:

Ramesh Makkena

Residence:

East Walpole, Massachusetts

Citizenship:

United States of America

Mailing Address:

182 Endean Drive

East Walpole, Massachusetts 02032

I Naresh Kumar Ankus Kani (name) whose residential address is

55 Commons Dr, APT #7, SHEWSBURY, MA, 01545

was personally present and did see Ramesh Makkena (name of person signing the assignment) who is personally known to me, execute the above assignment.

A Naresh Kumar (signature of first witness)

Signed at 32 Corlin Dr, Southborough (location of witness signature)

on this day 2nd Nov of 20 17. (date of signature)

I VISHNU PERARATHIWI (name) whose residential address is

237 South St, Unit-2, Shrewsbury MA - 01545

was personally present and did see Ramesh Makkena (name of person signing the assignment) who is personally known to me, execute the above assignment.

P. Vishnu (signature of second witness)

Signed at 32 Corlin Dr, Southborough, MA (location of witness signature)

on this day 11/2/2017 of 20 17. (date of signature)