

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6053497

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VINAY G. RAO	04/06/2020
SANJIB MALLICK	04/06/2020
OWEN CROWLEY	04/06/2020
PENIEL CHARLES	04/06/2020
ERIK P. SMITH	04/06/2020
ARIEH DON	04/06/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMC IP HOLDING COMPANY LLC
<b>Street Address:</b>	176 SOUTH STREET
<b>City:</b>	HOPKINTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16844017
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(631)393-6271
<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>	
<b>Phone:</b>	(631)393-6270
<b>Email:</b>	nyoffice@rml-law.com
<b>Correspondent Name:</b>	JOSEPH B. RYAN
<b>Address Line 1:</b>	48 SOUTH SERVICE ROAD, SUITE 100
<b>Address Line 2:</b>	RYAN, MASON & LEWIS, LLP
<b>Address Line 4:</b>	MELVILLE, NEW YORK 11747
<b>ATTORNEY DOCKET NUMBER:</b>	118612.01
<b>NAME OF SUBMITTER:</b>	JOSEPH B. RYAN
<b>SIGNATURE:</b>	/Joseph B. Ryan/
<b>DATE SIGNED:</b>	04/09/2020

**Total Attachments: 8**

source=4414-1632.ASM#page1.tif

source=4414-1632.ASM#page2.tif

source=4414-1632.ASM#page3.tif

source=4414-1632.ASM#page4.tif

source=4414-1632.ASM#page5.tif

source=4414-1632.ASM#page6.tif

source=4414-1632.ASM#page7.tif

source=4414-1632.ASM#page8.tif

## ASSIGNMENT

**WHEREAS**, we, Vinay G. Rao, Sanjib Mallick, Owen Crowley, Peniel Charles, Erik P. Smith and Arieh Don, 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 **HOST DEVICE WITH AUTOMATED CONNECTIVITY PROVISIONING**, the specification of which:

☒ [X] 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: G. Vinay Rao

6th April 2020

Inventor's Signature

Full name of first inventor:

Vinay G. Rao

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

C202, ND OLIVA  
29/2A, Somasandrapalya, HSR Sector-2  
Bangalore, Karnataka, India 560102

Date:

Inventor's Signature

Full name of second inventor:

Sanjib Mallick

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

2131 Fortius Waterscape  
102, Kurudusonnenahalli Road  
Virgonagar, Krishnarajapura  
Bangalore, Karnataka, India 560049

Date:

Inventor's Signature

Full name of third inventor:

Owen Crowley

Residence:

Carrigaline, Cork, Ireland

Citizenship:

Ireland

Mailing Address:

25 Oakdene, Heronswood  
Carrigaline, Cork, Ireland

Date:

\_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of first inventor:

Vinay G. Rao

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

C202, ND OLIVA  
29/2A, Somasandrapalya, HSR Sector-2  
Bangalore, Karnataka, India 560102

Date:

April 6th, 2020  
\_\_\_\_\_

*Sanjib Mallick*  
\_\_\_\_\_

Inventor's Signature

Full name of second inventor:

Sanjib Mallick

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

2131 Fortius Waterscape  
102, Kurudusonnenahalli Road  
Virgonagar, Krishnarajapura  
Bangalore, Karnataka, India 560049

Date:

\_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of third inventor:

Owen Crowley

Residence:

Carrigaline, Cork, Ireland

Citizenship:

Ireland

Mailing Address:

25 Oakdene, Heronswood  
Carrigaline, Cork, Ireland

Date:

\_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of first inventor:

Vinay G. Rao

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

C202, ND OLIVA  
29/2A, Somasandrapalya, HSR Sector-2  
Bangalore, Karnataka, India 560102

Date:

\_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of second inventor:

Sanjib Mallick

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

2131 Fortius Waterscape  
102, Kurudusonnenahalli Road  
Virgonagar, Krishnarajapura  
Bangalore, Karnataka, India 560049

Date:

April 6th, 2020

*Owen Crowley*

\_\_\_\_\_  
Inventor's Signature

Full name of third inventor:

Owen Crowley

Residence:

Carrigaline, Cork, Ireland

Citizenship:

Ireland

Mailing Address:

25 Oakdene, Heronswood  
Carrigaline, Cork, Ireland

Date:

4/6/2020



Inventor's Signature

Full name of fourth inventor:

Peniel Charles

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

#53, 3rd Floor, 1st Main 2nd Cross  
Ramanna Gardens, Vidhyaranyapura  
Bangalore, Karnataka, India 560097

Date:

Inventor's Signature

Full name of fifth inventor:

Erik P. Smith

Residence:

Douglas, Massachusetts

Citizenship:

United States of America

Mailing Address:

71 Franklin Street  
Douglas, Massachusetts 01516

Date:

Inventor's Signature

Full name of sixth inventor:

Arieh Don

Residence:

Newton, Massachusetts

Citizenship:

United States of America

Mailing Address:

45 Dexter Road  
Newton, Massachusetts 02460



Date:

\_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of fourth inventor:

Peniel Charles

Residence:

Bangalore, Karnataka, India

Citizenship:

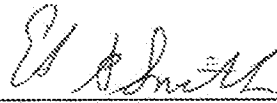
India

Mailing Address:

#53, 3rd Floor, 1st Main 2nd Cross  
Ramanna Gardens, Vidhyaranyapura  
Bangalore, Karnataka, India 560097

Date:

9/6/20



\_\_\_\_\_  
Inventor's Signature

Full name of fifth inventor:

Erik P. Smith

Residence:

Douglas, Massachusetts

Citizenship:

United States of America

Mailing Address:

71 Franklin Street  
Douglas, Massachusetts 01516

Date:

\_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of sixth inventor:

Arieh Don

Residence:

Newton, Massachusetts

Citizenship:

United States of America

Mailing Address:

45 Dexter Road  
Newton, Massachusetts 02460

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of fourth inventor:

Peniel Charles

Residence:

Bangalore, Karnataka, India

Citizenship:

India

Mailing Address:

#53, 3rd Floor, 1st Main 2nd Cross  
Ramanna Gardens, Vidhyaranyapura  
Bangalore, Karnataka, India 560097

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Full name of fifth inventor:

Erik P. Smith

Residence:

Douglas, Massachusetts

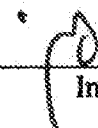
Citizenship:

United States of America

Mailing Address:

71 Franklin Street  
Douglas, Massachusetts 01516

Date: 6.6.20

  
\_\_\_\_\_  
Inventor's Signature

Full name of sixth inventor:

Arie Don

Residence:

Newton, Massachusetts

Citizenship:

United States of America

Mailing Address:

45 Dexter Road  
Newton, Massachusetts 02460