

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4312426

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMIT LIEBERMAN	06/27/2016
JEHUDA SHEMER	06/27/2016
ASSAF NATANZON	06/27/2016
RON BIGMAN	06/28/2016
<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>
<b>Application Number:</b>	15197840
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)386-4623
<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>	5102959328
<b>Email:</b>	lana@st-ip.com
<b>Correspondent Name:</b>	STANIFORD TOMITA LLP
<b>Address Line 1:</b>	PO BOX 591838
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94159
<b>ATTORNEY DOCKET NUMBER:</b>	EMC-15-1213 (EM1.100U)
<b>NAME OF SUBMITTER:</b>	LAWRENC
<b>SIGNATURE:</b>	/Lawrence M. Lau/
<b>DATE SIGNED:</b>	03/09/2017
<b>Total Attachments: 6</b>	
source=EMC_15_1213_EM1_100U_Assignment#page1.tif	
source=EMC_15_1213_EM1_100U_Assignment#page2.tif	
source=EMC_15_1213_EM1_100U_Assignment#page3.tif	

source=EMC\_15\_1213\_EM1\_100U\_Assignment#page4.tif

source=EMC\_15\_1213\_EM1\_100U\_Assignment#page5.tif

source=EMC\_15\_1213\_EM1\_100U\_Assignment#page6.tif

## ASSIGNMENT

**WHEREAS**, we, Amit Lieberman, Jehuda Shemer, Assaf Natanzon and Ron Bigman 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 HIGHLY SCALABLE AND CONSISTENT PLUGGABLE MESSAGING SYSTEM (Application), 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 June 30, 2016 as U.S. Application No. 15/197,840;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS**, EMC IP Holding Company LLC (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 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;

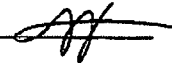
**AND**, we hereby authorize our attorneys, EMC IP Holding Company, to insert here in parentheses ( ) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date:

27/6/2016

Inventor's Signature



Amit Lieberman

Print full name of first inventor:

Residence:

Ben Gurion 13, Raanana

Israel

Citizenship:

Israel

Mailing Address:

Same as above

I Sara Zaborowsky (name) whose residential address is 3 Ramban St. Herzliya, Israel was personally present and did see Amit Lieberman (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at EMC, Herzliya (location of witness signature)

on this day June 27th of 2016. (date of signature)

I Gili Ben Zvi (name) whose residential address is 21 Hashofim St. Tel Aviv, Israel was personally present and did see Amit Lieberman (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at EMC Herzliya (location of witness signature)

on this day June 27th of 2016 (date of signature)

Date:

27/6/2016



Inventor's Signature

Jehuda Shemer

Print full name of second inventor:

Residence:

Brener 7 Kfar Saba

Israel

Citizenship:

Israel

Mailing Address:

Same as above

I Sara Zaborowsky (name) whose residential address is 3 Hahlan St. Hertzliya, Israel was personally present and did see Jehuda Shemer (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at EMC, Hertzliya (location of witness signature)

on this day June 27th of 2016. (date of signature)

I Gili Ben Zvi (name) whose residential address is 31 Hoshim St. Tel Aviv was personally present and did see Jehuda Shemer (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at EMC Hertzliya (location of witness signature)

on this day June 27th of 2016. (date of signature)

Date:

28/6/16

  
Inventor's Signature

Assaf Natanzon

Print full name of third inventor:

Residence:

Levanon 95, Tel Aviv

Israel

Citizenship:

Israel

Mailing Address:

Same as above

I Sara Zakorowsky (name) whose residential address is 3 Rambam St, Hertzliya, Israel was personally present and did see Assaf Natanzon (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at ELC, Hertzliya (location of witness signature)

on this day June 28th of 2016 (date of signature)

I Gili Ben Zv (name) whose residential address is 21 Hachoshim St, Tel Aviv, Israel was personally present and did see Assaf Natanzon (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at ELC, Hertzliya (location of witness signature)

on this day June 27th of 2016 (date of signature)

Date: 28.6.2016

[Signature]  
Inventor's Signature

Print full name of fourth inventor:

Ron Bigman

Residence:

Shmaryahu Levin 2, Holon

Israel

Citizenship:

Israel

Mailing Address:

Same as above

I Sara Zbarowsky (name) whose residential address is 3 Rabin St, Herzliya, Israel was personally present and did see Ron Bigman (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at EMC, Herzliya (location of witness signature)

on this day July 28th of 2016. (date of signature)

I Gili Ben Zvi (name) whose residential address is 31 Haskofsky St. Tel Aviv, Israel was personally present and did see Ron Bigman (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at EMC, Herzliya (location of witness signature)

on this day June 28th of 2016 (date of signature)