

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4843569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARIE AGRANONIK	11/02/2017
ERIK HEUSER	01/26/2018
RECEIVING PARTY DATA	
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Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15802576
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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:	109385.01
NAME OF SUBMITTER:	PATRICK G MURRAY
SIGNATURE:	/Patrick G Murray/
DATE SIGNED:	02/28/2018
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, Arie Agranonik and Erik Heuser, 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 **AGGREGATING NETWORK SESSIONS INTO META-SESSIONS FOR RANKING AND CLASSIFICATION**, 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 November 3, 2017 as U.S. Application No. 15/802,576;
- ☐ 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,

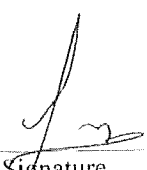
reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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:

2 - Nov


Inventor's Signature

Print full name of first inventor:

Arie Agranonik

Residence:

Herzliya, Israel

Citizenship:

Israel

Mailing Address:

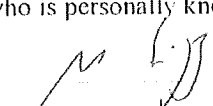
5a Yavnieli St.

Herzliya, Israel

I DANIEL HASSAN (name) whose residential address is

NIK 11, PETACH TIKVA, ISRAEL

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

 (signature of first witness)


Signed at Herzeliya (location of witness signature)

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

I Shay Amram (name) whose residential address is

Zalman Aron 31, HOLON

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

 (signature of second witness) -

Signed at Herzeliya (location of witness signature)

on this day 2 - Nov of 2017 (date of signature)

Date:

26 JAN 18


Inventor's Signature

Print full name of second inventor:

Erik Heuser

Residence:

Manassas, Virginia

Citizenship:

United States of America

Mailing Address:

Maeyan Famun

8118 Whitting Drive

Manassas, Virginia 20112

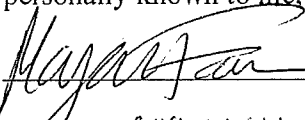
I

~~Erik Heuser~~

(name) whose residential address is

8118 Whitting Dr Manassas VA 20112

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



(signature of first witness)

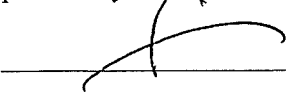
Signed at 8118 Whitting Dr. Manassas VA 20112 (location of witness signature)

on this day Jan 26 of 2018. (date of signature)

I Philip Buntz (name) whose residential address is

9247 Bowers Brook Pl Br'slow VA 20136

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



(signature of second witness)

Signed at 8118 Whitting Dr Manassas VA 20112 (location of witness signature)

on this day JAN 26 of 2018 (date of signature)