506810032 08/10/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHASHIKANTH LAKSHMIKANTHA	08/06/2021
SANKALP SUHAS TARALEKAR	08/06/2021
TUAN NGUYEN	08/06/2021
VENKATA NARASA KUMAR KUCHI	08/06/2021
KOUSHIK NAGARAJ GODBOLE	08/06/2021

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:	16830058

CORRESPONDENCE DATA

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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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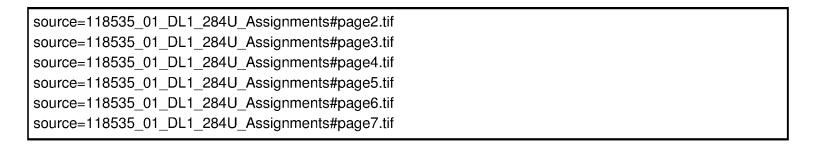
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ATTORNEY DOCKET NUMBER:	118535.01 (DL1.284U)
NAME OF SUBMITTER:	GEOFFREY T. STANIFORD
SIGNATURE:	/Geoffrey T. Staniford/
DATE SIGNED:	08/10/2021

Total Attachments: 7

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PATENT 506810032 REEL: 057132 FRAME: 0830



PATENT REEL: 057132 FRAME: 0831

ASSIGNMENT

WHEREAS, we, Shashikanth Lakshmikantha, Sankalp Suhas Taralekar, Tuan Nguyen, Venkata Narasa Kumar Kuchi and Koushik Nagaraj Godbole 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 MACHINE LEARNING BASED RESOURCE AVAILABILITY PREDICTION, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[X]	was filed on March 25, 2020 as U.S. Application No 16/830,058;
[]	was patented under U.S. Patent Noon
WHE	CREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited

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: 08/06/2021 /Shashikanth Lakshmikantha/

Inventor's Signature

Shashikanth Lakshmikantha

Print full name of first inventor:

Residence:

5826 Killarney Circle

San Jose, CA 95138

Citizenship: US

Mailing Address: Same as above

Date: 08/06/2021

/Sankalp Suhas Taralekar/

Inventor's Signature

Sankalp Suhas Taralekar

Print full name of second inventor:

Residence: 420 River Side Court, #206 Santa Clara, CA 95054

Citizenship: India

Mailing Address: Same as above

Date: 08/06/2021 /Tuan Nguyen/

Inventor's Signature

Tuan Nguyen

Tuan Nguyen

Tuan Nguyen

Tuan Nguyen

San Jose, CA 95148

Citizenship: Vietnam

Mailing Address: Same as above

Date: 8/6/2021

/Venkata Narasa Kumar Kuchi/

Inventor's Signature

Venkata Narasa Kumar Kuchi

Print full name of fourth inventor:

Residence: 1530 Southwest Expy., Apt. 334
San Jose, CA 95126

Citizenship: India

Mailing Address: Same as above

Date: 08/06/2021 /Koushik Nagaraj Godbole/

Inventor's Signature

Print full name of fifth inventor:

Koushik Nagaraj Godbole

Residence: 85 Rio Robles East, Unit 2411

San Jose, CA 95134

Citizenship: India
Mailing Address: Same as above