

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4191453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONAS F. DIAS	12/09/2016
ANGELO E. M. CIARLINI	12/09/2016
RÔMULO TEIXEIRA DE ABREU PINHO	12/12/2016
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:	15364449
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	EMC-16-0706
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	12/19/2016
Total Attachments: 6	
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PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Jonas F. Dias, Angelo E. M. Ciarlini and Rômulo
Teixeira de Abreu Pinho
**Additional name(s) of conveying party(ies)
attached?**
 Yes No

2. Name and address of receiving party(ies)

Name: EMC IP Holding Company LLC

Internal Address:

Street Address: 176 South Street

City: Hopkinton State: MA ZIP: 01748

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 12/9/2016, 12/9/2016, 12/12/2016

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 15/364,449 Filed November 30, 2016 B. Patent No.(s)

Additional numbers attached? Yes No

**5. Name and address of party to whom
correspondence concerning document should be
mailed:**

Name: Kevin M. Mason
Internal Address: Ryan, Mason & Lewis, LLP
Street Address: 1175 Post Road East, 2nd Floor
City: Westport State: CT ZIP: 06880

**6. Total number of applications and patents
involved: 1**

7. Total Fee (37 CFR 3.41)..... \$

Enclosed

Authorized to be charged to deposit account

8. Deposit account number 50-0762

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin M. Mason

Reg. No. 36,597



Signature

December 19, 2016

Date

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EMC-16-0706

ASSIGNMENT

WHEREAS, we, Jonas F. Dias, Angelo E. M. Ciarlini and Rômulo Teixeira de Abreu Pinho, 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 **SNAPSHOTS TO TRAIN PREDICTION MODELS AND IMPROVE WORKFLOW EXECUTION**, 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 30, 2016 as U.S. Application No. 15/364,449;

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: December 9th 2016

Jonas Furtado Dias
Inventor's Signature

Print full name of first inventor:

Jonas F. Dias

Residence:

Rio de Janeiro

Citizenship:

Brazil

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Adriana Bechara Prado

Witness

ADRIANA BECHARA PRADO

Vinicius M. Gotti

Witness VINICIUS M. GOTTI

Date: 12/09/2016

Angelo E. M. Ciarlini
Inventor's Signature

Print full name of second inventor:

Angelo E. M. Ciarlini

Residence:

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Adriana Bechara Prado

Witness


ADRIANA BECHARA PRADO

Jonas Furtado Dias

Witness

JONAS FURTADO DIAS

Date: 12-DEC-2016



Inventor's Signature

Print full name of third inventor:

Rômulo Teixeira de Abreu Pinho

Residence:

Niteroi, Brazil

Citizenship:

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Adriana Bechara Prado

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ADRIANA BECHARA PRADO

Jonas Furtado Dias

Witness

JONAS FURTADO DIAS