

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5918924

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAULO ABELHA FERREIRA	01/16/2020
ADRIANA BECHARA PRADO	01/16/2020
PABLO NASCIMENTO DA SILVA	01/16/2020
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:	16747096
CORRESPONDENCE DATA	
Fax Number:	(978)264-9119
<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>	
Phone:	978 264 4001
Email:	kgorecki@andersongorecki.com
Correspondent Name:	ANDERSON GORECKI LLP
Address Line 1:	2 DUNDEE PARK, SUITE 301A
Address Line 2:	ATTN: JOHN C GORECKI
Address Line 4:	ANDOVER, MASSACHUSETTS 01810
ATTORNEY DOCKET NUMBER:	130-231-JCG
NAME OF SUBMITTER:	JOHN C GORECKI, REG NO 38471
SIGNATURE:	/John C Gorecki/
DATE SIGNED:	01/20/2020
Total Attachments: 3	
source=130_231_Assignment_Signed#page1.tif	
source=130_231_Assignment_Signed#page2.tif	
source=130_231_Assignment_Signed#page3.tif	

ASSIGNMENT

WHEREAS, I/we, **Paulo Abelha Ferreira, Adriana Bechara Prado, and Pablo Nascimento da Silva**, 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

METHOD AND APPARATUS FOR ESTIMATING A DISTRIBUTION OF RESPONSE TIMES OF A STORAGE SYSTEM FOR A PROPOSED WORKLOAD,

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 Delaware limited liability company 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, I/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; I/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;

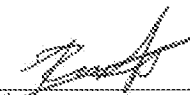
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, 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 do hereby appoint as our attorneys Holmes W. Anderson and John C. Gorecki of Anderson Gorecki LLP, whose full office address is 2 Dundee Park, Suite 301A, Andover, MA 01810, and authorize them to prosecute the patent application(s) and correct errors in this Assignment and to insert any further identification and other information necessary or desirable to make this Assignment suitable for recording in a domestic or foreign Patent Office.

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

Date: JAN, 16TH 2020


Inventor's Signature

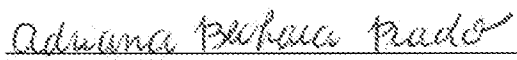
Full name of inventor
Residence

Paulo Abelha Ferreira
Rio de Janeiro, Brazil

Citizenship
Mailing Address

Brazil
Av. Oswaldo Cruz 95, Apt. 1109
Rio de Janeiro, Brazil 22250-060

Date: Jan, 16th 2020


Inventor's Signature

Full name of inventor
Residence

Adriana Bechara Prado
Niterói, Brazil

Citizenship
Mailing Address

Brazil
Rua Tiradentes 103, Apt. 508
Niteroi, Brazil 24210-510

Date: January 16th, 2020

Pablo N. da Silva
Inventor's Signature

Full name of inventor
Residence

Pablo Nascimento da Silva
Niterói, Brazil

Citizenship
Mailing Address

Brazil
Av. Roberto Silveira 409, Apt. 907
Niteroi, Brazil 24230-153