PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RÔMULO TEIXEIRA DE ABREU PINHO	04/27/2020
VÍTOR SILVA SOUSA	04/27/2020
RODRIGO RIOS ALMEIDA DE SOUZA	04/27/2020
ROBERTO NERY STELLING NETO	04/27/2020

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:	16861982

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: epas@thepatentattorneys.com AMIN, TUROCY & WATSON, LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	118876.01/DELLP364US
NAME OF SUBMITTER:	PATRICA S. MURPHY
SIGNATURE:	/Patrica S. Murphy/
DATE SIGNED:	04/29/2020

Total Attachments: 6

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> **PATENT** REEL: 052527 FRAME: 0967 506037589

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PATENT REEL: 052527 FRAME: 0968

PATENT/Joint Assignment EMC Docket No.: 118876.01

ASSIGNMENT

WHEREAS, we, Rômulo Teixeira de Abreu Pinho, Vítor Silva Sousa, Rodrigo Rios Almeida de Souza, and Roberto Nery Stelling Neto 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 *FACILITATING TEMPORAL DATA MANAGEMENT FOR ANOMALOUS STATE DETECTION IN DATA CENTERS* the specification of which:

[X]	X] is being executed on even date herewith and is about to be filed in the States Patent Office;		
[]	was filed on as U.S. A	pplication No;	
[]	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 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,

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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:

PATENT/Joint Assignment EMC Docket No.: 118876.01

Date: 04/27/2020	Kan Jo K. J. Kuki
	Inventor's Signature
Print full name of first inventor:	Rômulo Teixeira de Abreu Pinho
Residence:	BRAZIL
Citizenship:	BRAZIL
Mailing Address:	Rua Paulo Emídio Barbosa
	485, Quadra V, Lote Quatro
	Ilha do Fundão CEP 21941-907
	Rio de Janeiro – RJ Brazil
I	(name) whose residential address is
	own to me, execute the above assignment.
	(signature of first witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)
Ι	(name) whose residential address is
was personally present and did see	(name of person signing
the assignment) who is personally known	own to me, execute the above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)

PATENT/Joint Assignment EMC Docket No.: 118876.01

Date: 04/27/2020	Voter beton how
	Inventor's Signature
Print full name of second inventor:	Vítor Silva Sousa
Residence:	Brazil
Citizenship:	Brazil
Mailing Address:	Rua Paulo Emídio Barbosa
	485, Quadra V, Lote Quatro
	Ilha do Fundão CEP 21941-907
	Rio de Janeiro – RJ Brazil
I	(name) whose residential address is
was personally present and did see the assignment) who is personally know	n to me, execute the above assignment.
	(signature of first witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)
I	(name) whose residential address is
was personally present and did see the assignment) who is personally know	n to me, execute the above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)

Date: 27/04/2020	Rodrica Ria Dimonar at Garan
	Inventor's Signature
Print full name of third inventor:	Rodrigo Rios Almeida de Souza
Residence:	Brazil
Citizenship:	Brazil
Mailing Address:	Rua Paulo Emídio Barbosa
	485, Quadra V, Lote Quatro
	Ilha do Fundão CEP 21941-907
	Rio de Janeiro – RJ Brazil
I	(name) whose residential address is
	(name of person signing on to me, execute the above assignment.
	(signature of first witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)
I	(name) whose residential address is
was personally present and did see	(name of person signing
the assignment) who is personally know	on to me, execute the above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)

Date: April 27th, 2020	that Stuling
	Inventor's Signature
Print full name of fourth inventor:	Roberto Nery Stelling Neto
Residence:	Brazil
Citizenship:	Brazil
Mailing Address:	Rua Paulo Emídio Barbosa
-	485, Quadra V, Lote Quatro
	Ilha do Fundão CEP 21941-907
	Rio de Janeiro – RJ Brazil
I	(name) whose residential address is
was personally present and did see the assignment) who is personally know	(name of person signing on to me, execute the above assignment.
	(signature of first witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)
I	(name) whose residential address is
was personally present and did see the assignment) who is personally know	n to me, execute the above assignment.
	(signature of second witness)
Signed at	(location of witness signature)
on this day	of 20 (date of signature)

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