10/18/2019 505731002

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5777813

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTONY SILOIY BETT	10/07/2019
LUAY ALEM	10/10/2019

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:	16657842

CORRESPONDENCE DATA

Fax Number: (415)386-4623

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.

Phone: 510-295-9328 Email: lana@st-ip.com

Correspondent Name: EMC IP HOLDING COMPANY LLC OUTSIDE COUNS

Address Line 1: P.O. BOX 591838

Address Line 4: SAN FRANCISCO, CALIFORNIA 94159

ATTORNEY DOCKET NUMBER: 115681.01 (DL1.261U)		
NAME OF SUBMITTER:	LAWRENCE M. LAU	
SIGNATURE:	/Lawrence M. Lau/	
DATE SIGNED:	10/18/2019	

Total Attachments: 4

source=115681_01_DL1_261U_Assignment_Signed#page1.tif
source=115681_01_DL1_261U_Assignment_Signed#page2.tif
source=115681_01_DL1_261U_Assignment_Signed#page3.tif
source=115681_01_DL1_261U_Assignment_Signed#page4.tif

PATENT REEL: 050765 FRAME: 0101

505731002

PATENT/Joint Assignment Attorney Docket No.: DL1.261U DELL Docket No.: 115681.01

ASSIGNMENT

WHEREAS, we. Antony Siloiy Bett and Luay Alem 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 STORAGE AND DATA PROTECTION AS A SERVICE IN A CLOUD NATIVE ENVIRONMENT, 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 onas U.S. Application No;	
[]	was patented under U.S. Patent Noon	

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

PATENT REEL: 050765 FRAME: 0102

PATENT/Joint Assignment Attorney Docket No.: DL1.261U DELL Docket No.: 115681.01

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:

PATENT/Joint Assignment Attorney Docket No.: DL1.261U DELL Docket No.: 115681.01

Date: 10/07/2019	Man Stationy
	Inventor's Signature
Print full name of first inventor:	Antony Siloiy Bett
Residence:	451 Boston Turnpike
•	Shrewsbury, MA 01545
Citizenship:	Кепуа
Mailing Address:	Same as above
present and did see Antony Salvin Reknown to me, execute the above assignment. Yungran Chen (sign Signed at 176 Sunth Street Hybrid) on this day Oct. 7 of 20	me) whose residential address is Tood Art 95/9 Franking am was personally tt (name of person signing the assignment) who is personally enture of first witness) cation of witness signature) 9. (date of signature)
I GEORGE KAKURU (name) whose residential address is 451 BOSTON TPK, APT #2 SHREWIBURY, MA 01541 was personally present and did see ANTON'S BETT (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of second witness) Signed at 451 BOSTON TPK, SHREWIBURY, MA location of witness signature)	
on this day Oct 7 of 201	

Date:		
	Inventor's Signature	
ADVANCE \d3Print full name of second inventor:	Luay Alem	
Residence:	861 Salem Street	
	Lynnfield, MA 01940	
Citizenship:	US	
Mailing Address:	Same as above	
I Houde Allake is (name) whose residential address is 861 Salem St. Lynnfield Allah olgue was personally present and did see LAA Alem (name of person signing the assignment) who is personally known to me, execute the above assignment. (signature of first witness) Signed at Lynnfield, MA olgue (location of witness signature) on this day 10 10 120 9 of 2019. (date of signature)		
I		

PATENT REEL: 050765 FRAME: 0105