505350246 02/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5397031

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON YUTING ZHANG	02/26/2019
YIZHOU ZHOU	02/26/2019

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY LLC	
Street Address:	176 SOUTH STREET	
City:	HOPKINTON	
State/Country:	MASSACHUSETTS	
Postal Code:	ostal Code: 01748	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16288102

CORRESPONDENCE DATA

Fax Number: (408)341-3098

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: 404-872-7000

Email: joan.abriam@wbd-us.com, bstzfipgroup@wbd-us.com

Correspondent Name: WOMBLE BOND DICKINSON (US) LLP / (EMC I

Address Line 1: P.O. BOX 7037

Address Line 4: ATLANTA, GEORGIA 30357-0037

ATTORNEY DOCKET NUMBER:	206368.0469.3 (P297)	
NAME OF SUBMITTER:	JOAN ABRIAM	
SIGNATURE: /JOAN ABRIAM/		
DATE SIGNED:	02/28/2019	

Total Attachments: 2

source=6368P297_Assignment#page1.tif source=6368P297_Assignment#page2.tif

PATENT 505350246 REEL: 048461 FRAME: 0021

ASSIGNMENT

WHEREAS, we, <u>Simon Yuting Zhang</u>, and <u>Yizhou Zhou</u>, 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 <u>METHOD</u>, <u>DEVICE AND</u> <u>COMPUTER PROGRAM PRODUT FOR BACKING UP DATA</u> (Application), the specification of which:

[X]	Is being executed on even date herewith and is about to be filed in the Unite States Patent Office;	
[]	was filed on	as U.S. Application No;
[]	was patented under U.S. Patent N	on

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the Commonwealth of Massachusetts 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

PATENT/Joint Assignment Attorney Docket No.: 206368,0469.3 (P297) EMC Docket No.: 112025.02

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 hereby authorize our attorneys, EMC IP Holding Company LLC, to insert here in parentheses (_____App. No. 16/288,102, filed February 28, 2019___) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date

Signature

Signature

Signature

Signature

Signature

Printed/Typed Name

Tel. 36, 20, 9

Date

Signature

Signature

Yizhou Zhou

Printed/Typed Name