## 506277505 09/29/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6324252

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRETT A. QUINN	09/28/2020
PAUL A. LINSTEAD	09/28/2020
DOUGLAS E. LECRONE	09/29/2020

### **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:	17036348

### **CORRESPONDENCE DATA**

Fax Number:

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:** 508-898-8601

Email:docketing@WESTBORO-IP.COMCorrespondent Name:MUIRHEAD AND SATURNELLI, LLCAddress Line 1:200 FRIBERG PARKWAY, SUITE 1001

Address Line 4: WESTBOROUGH, MASSACHUSETTS 01581

ATTORNEY DOCKET NUMBER:	EMS-870US
NAME OF SUBMITTER:	DONALD W. MUIRHEAD
SIGNATURE:	/Donald W. Muirhead/
DATE SIGNED:	09/29/2020

## **Total Attachments: 4**

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> PATENT REEL: 053916 FRAME: 0708

Attorney Docket No.: EMS-870US EMC Docket No.: 120427.01

#### **ASSIGNMENT**

**WHEREAS**, we, Brett A. QUINN, Paul A. LINSTEAD and Douglas E. LECRONE 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 DIRECT SNAPSHOT TO EXTERNAL STORAGE, the specification of which:

[ X ]	is being executed on even date h	nerewith and is about to be filed in the United St	tates
	Patent Office;		
[]	was filed on	_ as U.S. Application No;	
[]	was patented under U.S. Patent	Noon	_•

WHEREAS, EMC IP HOLDING COMPANY LLC (hereinafter "ASSIGNEE"), which is a corporation organized and existing under the laws 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.

PATENT REEL: 053916 FRAME: 0709

Attorney Docket No.: EMS-870US EMC Docket No.: 120427.01

AND, we hereby authorize attorneys of Muirhead and Saturnelli, LLC to insert here in parenthesis ( 17/036,348 filed September 29, 2020 ) 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 my hands and affixed our seals as set forth below:

pelow:	
Date: 9-28-20	Inventor's Signature
	material a digitatore
Print full name of first inventor:	Brett A. QUINN
Residence:	19 Ducarl Drive
	Lincoln, RI 02865
Citizenship:	USA
Mailing Address:	Same
Date:	
	Inventor's Signature
	Paul A. LINSTEAD
Print full name of second inventor:	
Residence:	654 South Street
	Shrewsbury, MA 01545
Citizenship:	USA
Mailing Address:	Same as above

Attorney Docket No.: EMS-870US EMC Docket No.: 120427.01

AND, we hereby authorize attorneys of arenthesis (	of Muirhead and Saturnelli, LLC to insert here in) the application number and filing
	rt application) to facilitate the recording or other official
	ereunto set my hands and affixed our seals as set forth
elow:	
	•
Date:	
	inventor's Signature
Print full name of first inventor:	Brett A. QUINN
Residence:	19 Ducarl Drive
	Lincoln, RI 02865
Citizenship:	USA
Mailing Address:	Same
Date: <u>09/28/2020</u>	QUI.
	Inventor's Signature
Print full name of second inventor:	Paul A. LINSTEAD
Residence:	654 South Street
	Shrewsbury, MA 01545
Citizenship:	USA
Mailing Address:	Same as above
The state of the s	

Attorney Docket No.: EMS-870US EMC Docket No.: 120427.01

Date.

9/29/2020

Inventor's Signature

Print full name of third inventor:

Residence:

Citizenship:

Mailing Address:

Douglas E. LECRONE

15 Hearthstone Road Hopkinton, MA 01748

USA

Same as above