PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS VON HEIN	05/26/2020
MICHAEL FERRARI	05/22/2020
DARYL KINNEY	05/26/2020
SHAKIL ANWAR	05/26/2020
TAO TAO	05/26/2020

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:	16886848

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: 978 264 4001

Email: handerson@andersongorecki.com

Correspondent Name: ANDERSON GORECKI LLP Address Line 1: ONE MARINA PARK DRIVE

Address Line 2: SUITE 1410

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	130-245 119775.01
NAME OF SUBMITTER:	HOLMES W. ANDERSON
SIGNATURE:	/Holmes W. Anderson/
DATE SIGNED:	05/29/2020
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Total Attachments: 6

PATENT REEL: 052782 FRAME: 0483

PATENT REEL: 052782 FRAME: 0484 Attorney Docket No.: 130-245 Assignee Docket No.: 119775.01

ASSIGNMENT

WHEREAS we, Nicholas Von Hein, Michael Ferrari, Daryl Kinney, Shakil Anwar, and Tao Tao, have conceived of an invention as described in a United States patent application entitled

COMPLIANCE RECYCLING ALGORITHM FOR SCHEDULED TARGETLESS SNAPSHOTS.

the specification of which:

[X]	X] has been completed and is being filed in the United States Patent Off contemporaneously with this assignment;		
[]	was filed on	_ as U.S. Application No	;
[]	was patented under U.S. Patent N	Noon	

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 entered 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 do hereby sell, assign, and transfer to 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 other countries, in and to the invention as described in the patent application, together with the entire right, title, and interest in and to the patent application and any and all patents that may issue therefrom; said invention, patent application, and patents to be held and enjoyed by the 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 patents may be granted as fully and entirely as the same would have been held by the inventors 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, and 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 patents by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such patents to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which

ASSIGNMENT

Attorney Docket No.: 130-245 Assignce Docket No.: 119775.01

may be deemed necessary to secure fully the aforesaid invention to the ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including but not limited to 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 patents as shall be granted upon said patent application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we do hereby appoint as my attorneys the members of Anderson Gorecki LLP, whose full office address is One Marina Park Drive, Suite 1410, Boston, MA 02210, and authorize those attorneys to 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, we ha	ve hereunto set our hands and affixed our seals as
set forth below:	and the second of the second
and the second second second second	and fragosy francisk Segren
	1/4// 12+5
Date:	Inventor's Signature
Print full name of inventor	Nicholas Von Hein
Citizenship	
Address	77 Smith Street, Floor 2, Riverside, RI 02915
Appear a region is so it with the control of	and the second section of the second section is a second section of the second section of the second section of
Date:	
and the state of t	Inventor's Signature
Print full name of inventor	Michael Ferrari
Citizenship	TUS. The state of
Address	121 NW Min St., Douglas, MA 01516

ASSIGNMENT

Attorney Docket No.: 130-245 Assignee Docket No.: 119775.01

may be deemed necessary to secure fully the aforesaid invention to the ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including but not limited to 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 patents as shall be granted upon said patent application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we do hereby appoint as my attorneys the members of Anderson Gorecki LLP, whose full office address is One Marina Park Drive, Suite 1410, Boston, MA 02210, and authorize those attorneys to 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, we have hereunto set our hands and affixed our seals as set forth below:

Date:	
	Inventor's Signature
Print full name of inventor	Nicholas Von Hein
Citizenship	US
Address	77 Smith Street, Floor 2, Riverside, RI 02915
Date: <u>5/22/2020</u>	Miles Armen
	Inventor's Signature
Print full name of inventor	Michael Ferrari
Citizenship	US
Address	121 NW Min St., Douglas, MA 01516

ASSIGNMENT Attorney Docket No.: 130-245 Assignee Docket No.: 119775.01 May 26, 2020 Date: **Daryl Kinney** Print full name of inventor Citizenship US 6 Hazel Rd., Hopkinton, MA 01748 Address Inventor's Signature Print full name of inventor **Shakil Anwar** Citizenship US Address

Date: _____ Inventor's Signature

Print full name of inventor Tao Tao

Citizenship US

Address 96 Jackson St., Cambridge, MA 02140

Date: Inventor's Signature Print full name of inventor Daryl Kinney Citizenship US Address 6 Hazel Rd., Hopkinton, MA 01748 Inventor's Signature Print full name of inventor Shakil Anwar Citizenship US Address 9 Long Dr, Westborough, MA 01581 Date: ____ Inventor's Signature

ASSIGNMENT

Attorney Docket No.: 130-245 Assignce Docket No.: 119775.01

Print full name of inventor

Citizenship

Address

Tao Tao

US

96 Jackson St., Cambridge, MA 02140

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ASSIGNMENT

Attorney Docket No.: 130-245 Assignee Docket No.: 119775.01

RECORDED: 05/29/2020

Date:	
	Inventor's Signature
Print full name of inventor	Daryl Kinney
Citizenship	US
Address	6 Hazel Rd., Hopkinton, MA 01748
Date:	Inventor's Signature
Print full name of inventor	Shakil Anwar
Citizenship	US
Address	
Date: 5/26/2020	
Print full name of inventor	Тао Тао
Citizenship	US
Address	96 Jackson St., Cambridge, MA 02140