

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7461836

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHARLES HICKEY	07/26/2022
MURTHY MAMIDI	07/26/2022
GEORGE MATHEW	07/26/2022
SIRISHA KAIPA	07/28/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMC IP HOLDING COMPANY LLC
<b>Street Address:</b>	176 SOUTH STREET
<b>City:</b>	HOPKINTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16730351
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	ipdocketing@wbd-us.com, bstzkgreport@wbd-us.com, umiko.lin@wbd-us.com
<b>Correspondent Name:</b>	WOMBLE BOND DICKINSON (US) LLP
<b>Address Line 1:</b>	PO BOX 570489
<b>Address Line 2:</b>	ATTN: IP DOCKETING
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30357
<b>ATTORNEY DOCKET NUMBER:</b>	6368P376US1 (P376)
<b>NAME OF SUBMITTER:</b>	KEVIN G. SHAO
<b>SIGNATURE:</b>	/Kevin G. Shao/
<b>DATE SIGNED:</b>	08/01/2022
<b>Total Attachments: 4</b>	
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**PATENT/Joint Assignment**  
**Attorney Docket No.: 6368P376US1 (P376)**  
**EMC Docket No.: 116643.01**

## **ASSIGNMENT**

**WHEREAS, I, CHARLES HICKEY, MURTHY MAMIDI, GEORGE MATHEW,**  
and **SIRISHA KAPOOR** 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 **SYSTEM AND METHOD OF GENERATING AUTOMATIC**  
**CHECKPOINTS OF A DISTRIBUTED FILE SYSTEM** (Application), the specification of  
which:

☐ is being executed on even date herewith and is about to be filed in the United  
States Patent Office;

☒ was filed on December 30, 2019 as U.S. Application No. 16/730,351;

☐ was patented under U.S. Patent No. \_\_\_\_\_ 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, I 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 me had this assignment and sale not been  
made; I 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. I 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,** I hereby further agree for me and my 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,


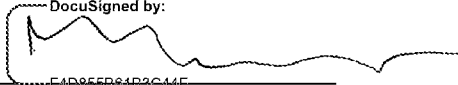
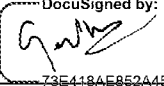
**PATENT/Joint Assignment**  
**Attorney Docket No.: 6368P376US1 (P376)**  
**EMC Docket No.: 116643.01**

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**, I 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 ( ) 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**, I have hereunto set my hand and affixed my seal as set forth below:

7/26/2022	 1E5321C25AD149B
Date	Signature CHARLES HICKEY Printed/Typed Name
7/26/2022	 F4D855B84B3C44E...
Date	Signature MURTHY MAMIDI Printed/Typed Name
7/26/2022	 73E418AE852A458...
Date	Signature GEORGE MATHEW Printed/Typed Name
Date	Signature SIRISHA KAPOOR Printed/Typed Name

**PATENT/Joint Assignment**  
**Attorney Docket No.: 6368P376US1 (P376)**  
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## ASSIGNMENT

**WHEREAS, I, CHARLES HICKEY, MURTHY MAMIDI, GEORGE MATHEW,** and **SIRISHA KAIPA** 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 **SYSTEM AND METHOD OF GENERATING AUTOMATIC CHECKPOINTS OF A DISTRIBUTED FILE SYSTEM** (Application), the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on December 30, 2019 as U.S. Application No. 16/730,351;

☐ was patented under U.S. Patent No. \_\_\_\_\_ 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, I 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 me had this assignment and sale not been made; I 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. I 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,** I hereby further agree for me and my 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,

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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**, I 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;

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**IN TESTIMONY WHEREOF**, I have hereunto set my hand and affixed my seal as set forth below:

_____ Date	_____ Signature <u>CHARLES HICKEY</u> Printed/Typed Name
_____ Date	_____ Signature <u>MURTHY MAMIDI</u> Printed/Typed Name
_____ Date	_____ Signature <u>GEORGE MATHEW</u> Printed/Typed Name
7/28/2022	DocuSigned by: <u>SIRISHA KAIPA</u> 15A705805CD1479...
_____ Date	_____ Signature <u>SIRISHA KAIPA</u> Printed/Typed Name