505893467 01/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5940168

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|--------------------|----------------|--|
| STEPHEN JAMES TODD | 01/27/2020 | |
| JIMMY DOYLE PIKE | 01/28/2020 | |
| AURELIAN DUMITRU | 01/27/2020 | |
| GAURAV CHAWLA | 01/27/2020 | |

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: | 16777975 |

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: 7136589631

Email: courtney.graves@chamberlainlaw.com

Correspondent Name: ALY Z. DOSSA

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| ATTORNEY DOCKET NUMBER: 170360-052900US | | |
|---|-----------------|--|
| NAME OF SUBMITTER: | COURTNEY GRAVES | |
| SIGNATURE: | /Aly Z. Dossa/ | |
| DATE SIGNED: | 01/31/2020 | |

Total Attachments: 6

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PATENT REEL: 051683 FRAME: 0281

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> PATENT REEL: 051683 FRAME: 0282

ASSIGNMENT

WHEREAS, we, Stephen James Todd, Jason A. Shepherd, Jimmy D. Pike, Aurelian Dumitru and Gaurav Chawla 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 FOR REDIRECTING DATA ACCESS TO LOCAL TRUST MANAGERS VIA AN INDIRECTION LOGIC SERVICE the specification of which:

| [X] | States Patent Office; | herewith a | and is about | to be filed in t | he United |
|-----|--------------------------------|------------|---------------|------------------|------------------------------------|
| [] | was filed on | as U.S. A | application N | No | |
| [] | was patented under U.S. Patent | No | C | on | ·································· |

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a corporation 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 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 EMC Docket No.: 118075.01; 170360-052900US

Date:

[AN 27 2030

Inventor's Signature

Print full name of first inventor:

Residence:

Citizenship:

Mailing Address:

Stephen James Todd

North Conway, NH

U.S.

c/o EMC IP Holding Company LLC

176 South Street

Hopkinton, Massachusetts 01748

REEL: 051683 FRAME: 0285

PATENT/Joint Assignment EMC Docket No.: 118075.01; 170360-052900US

| Date: | 01/28/2020 | Oingran Danda Diba |
|-------|---|-----------------------|
| | *************************************** | Jerning & oger r iren |
| | | Inventor's Signature |

Print full name of third inventor: Jimmy D. Pike

Residence: Georgetown, TX

Citizenship: U.S.

Mailing Address: c/o EMC IP Holding Company LLC

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PATENT Joint Assignment EMC Docket No.: 118075.01, 170360-0529001.8

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Print (all taxes of the discontinuous

Residence

Citizenship:

Marting Address.

Aurelian Dumitru

Round Rock, TX

U.S.

e/o EMC IP Holding Company LLC

176 South Street

Topkinton, Massachusetts 01748

PATENT REEL: 051683 FRAME: 0287 Date: Jan 27, 2020

Inventor's Signature

Print full name of third inventor:

Gaurav Chawla

Residence:

Austin, TX

Citizenship:

U.S.

Mailing Address:

c/o EMC IP Holding Company LLC

176 South Street

Hopkinton, Massachusetts 01748

RECORDED: 01/31/2020