504559335 09/21/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PER W. BRASHERS	10/07/2016

RECEIVING PARTY DATA

Name:	YTTIBRIUM, LLC
Street Address:	2582 EL CAMINITO
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94611-3008

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15711394

CORRESPONDENCE DATA

Fax Number: (703)720-7801

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: 703-720-7800

Email: ipgeneraltyc@squirepb.com, mojisola.ojediran@squirepb.com

Correspondent Name: SQUIRE PATTON BOGGS (US) LLP Address Line 1: 8000 TOWERS CRESCENT DRIVE

Address Line 2: 14TH FLOOR

Address Line 4: **VIENNA, VIRGINIA 22182-6212**

ATTORNEY DOCKET NUMBER:	110497.00032
NAME OF SUBMITTER:	ABORN C. CHAO
SIGNATURE:	/ABORN C. CHAO/
DATE SIGNED:	09/21/2017

Total Attachments: 3

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> **PATENT** REEL: 043657 FRAME: 0472 504559335

ASSIGNMENT

Per W. BRASHERS, residing at 2582 El Caminito, Oakland, CA 94611-3008 ("Assignor") has made an invention (the "Invention") set forth in an application for patent filed in the United States, entitled **SYSTEMS AND METHODS FOR USING A DISTRIBUTED LEDGER FOR DATA HANDLING**, and which is a:

(1)	provisional application
, ,	(a) to be filed herewith; or
	(b) bearing Application No. 62/397,911, and filed on September 21,
	2016; 15/711,394, and filed on September 21, 2017
(2)	non-provisional application (a) to be filed herewith; or (b) bearing Application No., and filed on;
(3)	☐ PCT application (a) ☐ bearing Application No., and filed on;

WHEREAS, Yttibrium, LLC, a limited liability company duly organized under and pursuant to the laws of California, and having its principal place of business at 2582 El Caminito, Oakland, CA 94611-3008 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified in paragraph (1), (2) and/or (3); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these application(s); and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor hereby does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified in paragraph (1), (2) and/or (3);

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- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

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Date: 19/7/2016	By: ////Per W. BRASHERS
State of) .ss.	
County of)	and the state of t
On, bef	fore me,, Notary
Public, personally appeared	, who proved to me
on the basis of satisfactory evidence, to	be the person(s) whose name(s) is/are subscribed to the
	me that he/she/they executed the same in his/her/their
	/her/theig/signature(s) on the instrument the person(s), or
the entity upon behalf of which the perso	gat.
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Signature of Notary Public My Commission Expires:	·

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