

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7183609

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SWIRLDS, INC.	02/01/2022
RECEIVING PARTY DATA		
Name:	HEDERA HASHGRAPH, LLC	
Street Address:	3400 N. CENTRAL EXPRESSWAY	
Internal Address:	SUITE 470B	
City:	RICHARDSON	
State/Country:	TEXAS	
Postal Code:	75080	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17674345
CORRESPONDENCE DATA		
Fax Number:	(202)842-7899	
<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>		
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ATTORNEY DOCKET NUMBER:	LEBA-005/03US 323904-2387	
NAME OF SUBMITTER:	DAVID W. HOPKINS	
SIGNATURE:	/David W. Hopkins/	
DATE SIGNED:	02/18/2022	
Total Attachments: 40		
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source=LEBA-005_03US Assignment Swirls to Hedera_executed#page2.tif		
source=LEBA-005_03US Assignment Swirls to Hedera_executed#page3.tif		

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ASSIGNMENT OF PATENT RIGHTS

Swirlids, Inc., a corporation having its principal place of business at 3400 N. Central Expressway, Suite 470A, Richardson, TX 75080 (herein referred to as “Assignor”) owns the entire right, title and interest in any Letters Patent(s) (“said patent(s)”) and any Patent application(s) (“said application(s)”) set forth in Schedule A, as well as any invention(s) (“said invention(s)”) disclosed in said application(s) and said patent(s).

WHEREAS, Hedera Hashgraph, LLC, a limited liability company having its principal place of business at 3400 N. Central Expressway, Suite 470B, Richardson, TX 75080 (the “Assignee”), its successors, legal representatives and assigns, is desirous of acquiring the Assignor’s entire right, title, and interest in and to said invention(s), said application(s), and said patent(s); the right to file applications for patent and/or registered design of the United States or other countries on said invention(s); the entire right, title and interest in and to any application(s) and patent(s); the right to recover any and all past, present, and future damages, including provisional or other royalties, for any and all past, present, and future infringements of said application(s) for patent and/or registered design and said patent(s); and the entire right, title, and interest in and to any and all Letters Patent or Patents and/or registered design(s), United States or foreign, to be obtained for said invention(s) and said application(s);

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 a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns Assignor’s right, title, and interest in and to:

- (a) said invention(s);
- (b) said application(s) for patent;
- (c) said patent(s);
- (d) the right to file applications for patent and/or registered design of the United States or other countries on said 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;
- (e) any application(s) for patent and/or registered design of the United States or other countries claiming the invention(s);
- (f) any application(s) for patent and/or registered design of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent and/or registered design identified above or any application(s) for patent claiming the invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (g) the right to recover any and all past, present, and future damages, including provisional or other royalties, for any and all past, present, and

future infringements of said application(s) for patent and/or registered design and said patent(s) identified in the preceding paragraphs (b)-(f) and of any and all patent(s) and/or registered design(s) granted based thereon in the United States and in all other countries; and

- (h) any and all Letters Patent or Patents and/or registered design(s), United States or foreign, to be obtained for said invention(s), said application(s), and said patent(s), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

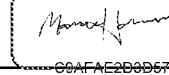
The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND Assignor(s) and Assignee(s) understand that electronic signatures are acceptable and that, by signing electronically, signatories agree to the use of electronic signatures.

Date: 2/1/2022

By:

DocuSigned by:



Name: Mance Harmon

Title: CEO

Company: Swirls, Inc.

State of _____)
) ss.
County of _____)

On _____, before 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 within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: _____

For and on behalf of ASSIGNEE:

Date: 1/31/2022

By:

DocuSigned by:
Thomas Sylvester

Name: Thomas Sylvester

Title: General Counsel & Secretary

Company: Hedera Hashgraph, LLC

State of _____)
County of _____) ss.

On _____, before 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 within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: _____

EXHIBIT A
PATENTS

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/00US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	62/211,411	8/28/2015			United States of America	Expired
LEBA-001/01AL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Albania	Registered
LEBA-001/01AT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Austria	Registered
LEBA-001/01AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2016316777	8/26/2016	2016316777	6/13/2019	Australia	Registered
LEBA-001/01BE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Belgium	Registered
LEBA-001/01BG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Bulgaria	Registered
LEBA-001/01CA	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2996714	8/26/2016	2996714	1/22/2019	Canada	Registered
LEBA-001/01CH	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Switzerland	Registered
LEBA-001/01CN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	201680061456.6	8/26/2016	ZL 201680061456.6	9/27/2019	China	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/01CY	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Cyprus	Registered
LEBA-001/01CZ	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Czech Republic	Registered
LEBA-001/01DE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Germany	Registered
LEBA-001/01DK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Denmark	Registered
LEBA-001/01EE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Estonia	Registered
LEBA-001/01EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	European Patent Office	EP Granted
LEBA-001/01ES	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Spain	Registered
LEBA-001/01FI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Finland	Registered
LEBA-001/01FR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	France	Registered
LEBA-001/01GB	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	United Kingdom	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/01GR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Greece	Registered
LEBA-001/01HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18108774.5	8/26/2016	1249233	6/4/2021	Hong Kong	Registered
LEBA-001/01HR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Croatia	Registered
LEBA-001/01HU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Hungary	Registered
LEBA-001/01IE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Ireland	Registered
LEBA-001/01IN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	201817007410	8/26/2016			India	Pending
LEBA-001/01IS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Iceland	Registered
LEBA-001/01IT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Italy	Registered
LEBA-001/01JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2018-521625	8/26/2016	6518838	4/26/2019	Japan	Registered
LEBA-001/01KR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2018-7008784	8/26/2016	10-2012435	8/13/2019	Republic of Korea	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/01LT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Lithuania	Registered
LEBA-001/01LU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Luxembourg	Registered
LEBA-001/01LV	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Latvia	Registered
LEBA-001/01MC	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Monaco	Registered
LEBA-001/01MK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Macedonia (F.Y.R.O.M)	Registered
LEBA-001/01MT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Malta	Registered
LEBA-001/01NL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Netherlands	Registered
LEBA-001/01NO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Norway	Registered
LEBA-001/01PL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Poland	Registered
LEBA-001/01PT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Portugal	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/01RO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Romania	Registered
LEBA-001/01RS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Serbia	Registered
LEBA-001/01RU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2018110579	8/26/2016	2709673	12/19/2019	Russian Federation	Registered
LEBA-001/01SE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Sweden	Registered
LEBA-001/01SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	11201801311T	8/26/2016	11201801311T	1/21/2019	Singapore	Registered
LEBA-001/01SI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Slovenia	Registered
LEBA-001/01SK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Slovakia	Registered
LEBA-001/01SM	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	San Marino	Registered
LEBA-001/01TR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16842700.3	8/26/2016	3341864	11/18/2020	Turkey	Registered
LEBA-001/01US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	14/988,873	1/6/2016	9,390,154	7/12/2016	United States of America	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/01WO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	PCT/US2016/049067	8/26/2016			Patent Cooperation Treaty	Expired
LEBA-001/02AL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Albania	Registered
LEBA-001/02AT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Austria	Registered
LEBA-001/02AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2019202138	8/26/2016	2019202138	11/21/2019	Australia	Registered
LEBA-001/02BE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Belgium	Registered
LEBA-001/02BG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Bulgaria	Registered
LEBA-001/02CA	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	3027398	8/26/2016			Canada	Pending
LEBA-001/02CH	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Switzerland	Registered
LEBA-001/02CN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	201910908046.6	8/26/2016	ZL201910908046.6	7/16/2021	China	Registered
LEBA-001/02CY	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Cyprus	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/02CZ	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Czech Republic	Registered
LEBA-001/02DE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Germany	Registered
LEBA-001/02DK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Denmark	Registered
LEBA-001/02EE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Estonia	Registered
LEBA-001/02EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	European Patent Office	EP Granted
LEBA-001/02ES	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Spain	Registered
LEBA-001/02FI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Finland	Registered
LEBA-001/02FR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	France	Registered
LEBA-001/02GB	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	United Kingdom	Registered
LEBA-001/02GR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Greece	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/02HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	19122843.6	8/26/2016	1262934	3/12/2021	Hong Kong	Registered
LEBA-001/02HR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Croatia	Registered
LEBA-001/02HU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Hungary	Registered
LEBA-001/02IE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Ireland	Registered
LEBA-001/02IN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	202118021828	8/26/2016			India	Pending
LEBA-001/02IS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Iceland	Registered
LEBA-001/02IT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Italy	Registered
LEBA-001/02JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2019-081303	8/26/2016	6686209	4/3/2020	Japan	Registered
LEBA-001/02KR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2019-7023809	8/26/2016	10-2062896	12/30/2019	Republic of Korea	Registered
LEBA-001/02LT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Lithuania	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/02LU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Luxembourg	Registered
LEBA-001/02LV	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Latvia	Registered
LEBA-001/02MC	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Monaco	Registered
LEBA-001/02MK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Macedonia (F.Y.R.O.M)	Registered
LEBA-001/02MT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Malta	Registered
LEBA-001/02NL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Netherlands	Registered
LEBA-001/02NO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Norway	Registered
LEBA-001/02PL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Poland	Registered
LEBA-001/02PT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Portugal	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/02RO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Romania	Registered
LEBA-001/02RS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Serbia	Registered
LEBA-001/02RU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2019132736	8/26/2016			Russian Federation	Pending
LEBA-001/02SE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Sweden	Registered
LEBA-001/02SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201805458P	8/26/2016	10201805458P	5/26/2019	Singapore	Registered
LEBA-001/02SI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Slovenia	Registered
LEBA-001/02SK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Slovakia	Registered
LEBA-001/02SM	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	San Marino	Registered
LEBA-001/02TR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177122.1	8/26/2016	3399446	9/23/2020	Turkey	Registered
LEBA-001/02US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	15/153,011	5/12/2016	9,529,923	12/27/2016	United States of America	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/03AL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Albania	Registered
LEBA-001/03AT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Austria	Registered
LEBA-001/03AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2019229435	8/26/2016	2019229435	2/13/2020	Australia	Registered
LEBA-001/03BE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Belgium	Registered
LEBA-001/03BG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Bulgaria	Registered
LEBA-001/03CA	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	3129804	8/26/2016			Canada	Pending
LEBA-001/03CH	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Switzerland	Registered
LEBA-001/03CN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	201910908023.5	8/26/2016			China	Pending
LEBA-001/03CY	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Cyprus	Registered
LEBA-001/03CZ	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Czech Republic	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/03DE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Germany	Registered
LEBA-001/03DK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Denmark	Registered
LEBA-001/03EE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Estonia	Registered
LEBA-001/03EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	European Patent Office	EP Granted
LEBA-001/03ES	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Spain	Registered
LEBA-001/03FI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Finland	Registered
LEBA-001/03FR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	France	Registered
LEBA-001/03GB	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	United Kingdom	Registered
LEBA-001/03GR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Greece	Registered
LEBA-001/03HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	19122842.8	8/26/2016	1262933	6/4/2021	Hong Kong	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/03HR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Croatia	Registered
LEBA-001/03HU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Hungary	Registered
LEBA-001/03IE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Ireland	Registered
LEBA-001/03IS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Iceland	Registered
LEBA-001/03IT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Italy	Registered
LEBA-001/03JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2020-065934	8/26/2016	6811350	12/16/2020	Japan	Registered
LEBA-001/03KR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2019-7038923	8/26/2016			Republic of Korea	Pending
LEBA-001/03LT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Lithuania	Registered
LEBA-001/03LU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Luxembourg	Registered
LEBA-001/03LV	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Latvia	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/03MC	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Monaco	Registered
LEBA-001/03MK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Macedonia (F.Y.R.O.M)	Registered
LEBA-001/03MT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Malta	Registered
LEBA-001/03NL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Netherlands	Registered
LEBA-001/03NO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Norway	Registered
LEBA-001/03PL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Poland	Registered
LEBA-001/03PT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Portugal	Registered
LEBA-001/03RO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Romania	Registered
LEBA-001/03RS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Serbia	Registered
LEBA-001/03SE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Sweden	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/03SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201805466S	8/26/2016	10201805466S	3/4/2019	Singapore	Registered
LEBA-001/03SI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Slovenia	Registered
LEBA-001/03SK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Slovakia	Registered
LEBA-001/03SM	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	San Marino	Registered
LEBA-001/03TR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177124.7	8/26/2016	3399447	11/18/2020	Turkey	Registered
LEBA-001/03US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	15/205,688	7/8/2016	10,318,505	6/11/2019	United States of America	Registered
LEBA-001/04AL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Albania	Registered
LEBA-001/04AT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Austria	Registered
LEBA-001/04AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2019229437	8/26/2016	2019229437	2/13/2020	Australia	Registered
LEBA-001/04BE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Belgium	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/04BG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Bulgaria	Registered
LEBA-001/04CH	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Switzerland	Registered
LEBA-001/04CN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	202110765131.9	8/26/2016			China	Pending
LEBA-001/04CY	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Cyprus	Registered
LEBA-001/04CZ	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Czech Republic	Registered
LEBA-001/04DE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Germany	Registered
LEBA-001/04DK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Denmark	Registered
LEBA-001/04EE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Estonia	Registered
LEBA-001/04EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	European Patent Office	EP Granted
LEBA-001/04ES	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Spain	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/04FI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Finland	Registered
LEBA-001/04FR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	France	Registered
LEBA-001/04GB	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	United Kingdom	Registered
LEBA-001/04GR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Greece	Registered
LEBA-001/04HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	42021044987.2	8/26/2016			Hong Kong	Pending
LEBA-001/04HR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Croatia	Registered
LEBA-001/04HU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Hungary	Registered
LEBA-001/04IE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Ireland	Registered
LEBA-001/04IS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Iceland	Registered
LEBA-001/04IT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Italy	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/04JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2020-206439	8/26/2016	6878670	5/6/2021	Japan	Registered
LEBA-001/04LT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Lithuania	Registered
LEBA-001/04LU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Luxembourg	Registered
LEBA-001/04LV	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Latvia	Registered
LEBA-001/04MC	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Monaco	Registered
LEBA-001/04MK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Macedonia (F.Y.R.O.M)	Registered
LEBA-001/04MT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Malta	Registered
LEBA-001/04NL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Netherlands	Registered
LEBA-001/04NO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Norway	Registered
LEBA-001/04PL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Poland	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/04PT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Portugal	Registered
LEBA-001/04RO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Romania	Registered
LEBA-001/04RS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Serbia	Registered
LEBA-001/04SE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Sweden	Registered
LEBA-001/04SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201903623 W	8/26/2016	10201903623 W	10/23/2020	Singapore	Registered
LEBA-001/04SI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Slovenia	Registered
LEBA-001/04SK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Slovakia	Registered
LEBA-001/04SM	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	San Marino	Registered
LEBA-001/04TR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177127.0	8/26/2016	3399448	11/25/2020	Turkey	Registered
LEBA-001/04US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	15/366,584	12/1/2016	10,572,455	2/25/2020	United States of America	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/05AL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Albania	Registered
LEBA-001/05AT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Austria	Registered
LEBA-001/05AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2020200149	8/26/2016	2020200149	7/2/2020	Australia	Registered
LEBA-001/05BE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Belgium	Registered
LEBA-001/05BG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Bulgaria	Registered
LEBA-001/05CH	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Switzerland	Registered
LEBA-001/05CY	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Cyprus	Registered
LEBA-001/05CZ	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Czech Republic	Registered
LEBA-001/05DE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Germany	Registered
LEBA-001/05DK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Denmark	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/05EE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Estonia	Registered
LEBA-001/05EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	European Patent Office	EP Granted
LEBA-001/05ES	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Spain	Registered
LEBA-001/05FI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Finland	Registered
LEBA-001/05FR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	France	Registered
LEBA-001/05GB	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	United Kingdom	Registered
LEBA-001/05GR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Greece	Registered
LEBA-001/05HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	19125030.7	8/26/2016	40001698	5/28/2021	Hong Kong	Registered
LEBA-001/05HR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Croatia	Registered
LEBA-001/05HU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Hungary	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/05IE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Ireland	Registered
LEBA-001/05IS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Iceland	Registered
LEBA-001/05IT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Italy	Registered
LEBA-001/05JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2021-076407	8/26/2016			Japan	Pending
LEBA-001/05LT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Lithuania	Registered
LEBA-001/05LU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Luxembourg	Registered
LEBA-001/05LV	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Latvia	Registered
LEBA-001/05MC	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Monaco	Registered
LEBA-001/05MK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Macedonia (F.Y.R.O.M)	Registered
LEBA-001/05MT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Malta	Registered

Cooley Docket Number	Title/Mark	Application No.	Application Date	Registration No.	Registration Date	Country	Case Status
LEBA-001/05NL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Netherlands	Registered
LEBA-001/05NO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Norway	Registered
LEBA-001/05PL	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Poland	Registered
LEBA-001/05PT	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Portugal	Registered
LEBA-001/05RO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Romania	Registered
LEBA-001/05RS	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Serbia	Registered
LEBA-001/05SE	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Sweden	Registered
LEBA-001/05SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201911692X	8/26/2016			Singapore	Pending
LEBA-001/05SI	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Slovenia	Registered
LEBA-001/05SK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Slovakia	Registered

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LEBA-001/05SM	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	San Marino	Registered
LEBA-001/05TR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	18177129.6	8/26/2016	3418915	11/25/2020	Turkey	Registered
LEBA-001/06AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2020201827	8/26/2016	2020201827	3/25/2021	Australia	Registered
LEBA-001/06EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	20199607.1	8/26/2016			European Patent Office	Pending
LEBA-001/06HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	42021039344.3	8/26/2016			Hong Kong	Pending
LEBA-001/06SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201911700P	8/26/2016	10201911700P	12/2/2021	Singapore	Registered
LEBA-001/06US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	15/906,668	2/27/2018	10,747,753	8/18/2020	United States of America	Registered
LEBA-001/07AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	2021200938	8/26/2016			Australia	Pending
LEBA-001/07SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201911702Q	8/26/2016			Singapore	Pending
LEBA-001/07US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16/430,646	6/4/2019			United States of America	Pending

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LEBA-001/08SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	10201912712V	8/26/2016			Singapore	Pending
LEBA-001/08US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16/718,299	12/18/2019	11,232,081	1/25/2022	United States of America	Pending
LEBA-001/09HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	42020007692.5	8/26/2016			Hong Kong	Pending
LEBA-001/09US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	16/907,616	6/22/2020			United States of America	Pending
LEBA-001/10HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	42020007693.3	8/26/2016			Hong Kong	Pending
LEBA-001/10US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	17/580,877	1/21/2022			United States of America	Pending
LEBA-002/00US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITH CONSENSUS DETERMINED BASED ON WEIGHTED STAKES	62/344,682	6/2/2016			United States of America	Expired
LEBA-002/01US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	15/387,048	8/26/2016	9,646,029	5/9/2017	United States of America	Registered
LEBA-003/00US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	62/436,066	12/19/2016			United States of America	Expired
LEBA-003/01AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	2017382161	12/19/2017			Australia	Pending

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LEBA-003/01CA	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	3044071	12/19/2017			Canada	Pending
LEBA-003/01CN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	201780078523.X	12/19/2017			China	Pending
LEBA-003/01EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	17883223.4	12/19/2017			European Patent Office	Pending
LEBA-003/01HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	19131578.7	12/19/2017			Hong Kong	Pending
LEBA-003/01IN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	201917024263	12/19/2017			India	Pending
LEBA-003/01JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	2019-525948	12/19/2017			Japan	Pending
LEBA-003/01KR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	10-2019-7021248	12/19/2017			Republic of Korea	Pending
LEBA-003/01RU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	2019118333	12/19/2017	2754189	8/30/2021	Russian Federation	Registered
LEBA-003/01SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	11201904117R	12/19/2017			Singapore	Pending

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LEBA-003/01US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	15/846,402	12/19/2017	11,222,006	1/11/2022	United States of America	Registered
LEBA-003/01WO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	PCT/US2017/067329	12/19/2017			Patent Cooperation Treaty	Expired
LEBA-003/02KR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	10-2021-7031216	12/19/2017			Republic of Korea	Pending
LEBA-003/02RU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	2021123584	12/19/2017			Russian Federation	Pending
LEBA-003/02US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE THAT ENABLES DELETION OF EVENTS	17/571,707	01/10/2022			United States of America	Pending
LEBA-004/00US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	62/420,147	11/10/2016			United States of America	Expired
LEBA-004/01AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	2017357770	11/10/2017	2017357770	4/8/2021	Australia	Registered
LEBA-004/01CA	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	3042255	11/10/2017			Canada	Pending
LEBA-004/01CN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	201780069585.4	11/10/2017			China	Pending

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LEBA-004/01EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	17870565.3	11/10/2017	3539026	12/8/2021	European Patent Office	EP Granted
LEBA-004/01HK	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	62020003541.3	11/10/2017			Hong Kong	Pending
LEBA-004/01IN	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	201917021793	11/10/2017			India	Pending
LEBA-004/01JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	2019-520639	11/10/2017	6966544	10/25/2021	Japan	Registered
LEBA-004/01KR	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	10-2019-7016554	11/10/2017			Republic of Korea	Pending
LEBA-004/01RU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	2019115233	11/10/2017	2746446	4/14/2021	Russian Federation	Registered
LEBA-004/01SG	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	11201903278Y	11/10/2017			Singapore	Pending
LEBA-004/01US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	16/405,069	11/10/2017	10,887,096	1/5/2021	United States of America	Registered

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LEBA-004/01WO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	PCT/US2017/061135	11/10/2017			Patent Cooperation Treaty	Expired
LEBA-004/02AU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	2021200222	11/10/2017			Australia	Pending
LEBA-004/02EP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	21212979.5	11/10/2017			European Patent Office	Pending
LEBA-004/02JP	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	2021-172145	11/10/2017			Japan	Pending
LEBA-004/02RU	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	2021109425	11/10/2017			Russian Federation	Pending
LEBA-004/02US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE INCLUDING ANONYMOUS ENTRIES	17/140,351	1/4/2021			United States of America	Pending
LEBA-005/00US	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	62/531,153	7/11/2017			United States of America	Expired
LEBA-005/01AU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	2018300147	7/11/2018	2018300147	10/29/2020	Australia	Registered

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LEBA-005/01CA	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	3066903	7/11/2018			Canada	Pending
LEBA-005/01CN	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	201880046960.8	7/11/2018			China	Pending
LEBA-005/01EP	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	18831091.6	7/11/2018			European Patent Office	Pending
LEBA-005/01HK	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	62020008044.3	7/11/2018			Hong Kong	Pending
LEBA-005/01IN	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	202017002179	7/11/2018			India	Pending
LEBA-005/01JP	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	2019-567732	7/11/2018	6745004	8/4/2020	Japan	Registered
LEBA-005/01KR	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2020-7003982	7/11/2018	10-2154469	9/3/2020	Republic of Korea	Registered
LEBA-005/01RU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	2020100003	7/11/2018	2735730	11/6/2020	Russian Federation	Registered

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LEBA-005/01SG	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	11201911465X	7/11/2018	11201911465X	6/8/2021	Singapore	Registered
LEBA-005/01US	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	16/032,652	7/11/2018	10,375,037	8/6/2019	United States of America	Registered
LEBA-005/01WO	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	PCT/US2018/041625	7/11/2018			Patent Cooperation Treaty	Expired
LEBA-005/02AU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	2020205231	7/11/2018			Australia	Pending
LEBA-005/02HK	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	62020007681.3	7/11/2018			Hong Kong	Pending
LEBA-005/02JP	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	2020-130888	7/11/2018			Japan	Pending
LEBA-005/02KR	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2020-7025376	7/11/2018	10-2208336	1/21/2021	Republic of Korea	Registered
LEBA-005/02RU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	2020133528	7/11/2018			Russian Federation	Pending

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LEBA-005/02SG	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	10202103402R	7/11/2018			Singapore	Pending
LEBA-005/02US	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	16/735,944	1/7/2020			United States of America	Pending
LEBA-005/03KR	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2021-7002097	7/11/2018	10-2348418	1/4/2022	Republic of Korea	Registered
LEBA-005/04KR	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	10-2022-7000159	7/11/2018			Republic of Korea	Pending
LEBA-006/00US	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A DISTRIBUTED DATABASE WITHIN A NETWORK	62/580,056	11/1/2017			United States of America	Expired
LEBA-006/01AU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	2018359417	10/31/2018	2018359417	7/30/2020	Australia	Registered
LEBA-006/01CA	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	3076257	10/31/2018			Canada	Pending
LEBA-006/01CN	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	201880069335.5	10/31/2018	ZL201880069335.5	7/6/2021	China	Registered
LEBA-006/01EP	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	18874680.4	10/31/2018			European Patent Office	Pending

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LEBA-006/01HK	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	62020012166.8	10/31/2018			Hong Kong	Pending
LEBA-006/01IN	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	202017012940	10/31/2018			India	Pending
LEBA-006/01JP	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	2020-520649	10/31/2018	6798065	11/20/2020	Japan	Registered
LEBA-006/01KR	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	10-2020-7014386	10/31/2018	10-2188667	12/2/2020	Republic of Korea	Registered
LEBA-006/01RU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	2020113415	10/31/2018			Russian Federation	Pending
LEBA-006/01SG	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	11202002308R	10/31/2018	11202002308R	8/5/2021	Singapore	Registered
LEBA-006/01US	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	16/176,125	10/31/2018	10,489,385	11/26/2019	United States of America	Registered
LEBA-006/01WO	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	PCT/US2018/058432	10/31/2018			Patent Cooperation Treaty	Expired
LEBA-006/02AU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	2020204053	10/31/2018			Australia	Pending

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LEBA-006/02CN	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	202110658830.3	10/31/2018			China	Pending
LEBA-006/02HK	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	62020022784.6	10/31/2018			Hong Kong	Pending
LEBA-006/02JP	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	2020-191399	10/31/2018			Japan	Pending
LEBA-006/02KR	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	10-2020-7034781	10/31/2018			Republic of Korea	Pending
LEBA-006/02RU	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	2020134660	10/31/2018			Russian Federation	Pending
LEBA-006/02SG	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	10202107812Y	10/31/2018			Singapore	Pending
LEBA-006/02US	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	16/686,796	11/18/2019			United States of America	Pending
LEBA-006/03HK	METHODS AND APPARATUS FOR EFFICIENTLY IMPLEMENTING A FAST-COPYABLE DATABASE	42021040134.5	10/31/2018			Hong Kong	Pending

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LEBA-008/00US	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	62/851,368	5/22/2019			United States of America	Expired
LEBA-008/01AU	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	2020279389	5/22/2020			Australia	Pending
LEBA-008/01CA	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	3134691	5/22/2020			Canada	Pending
LEBA-008/01CN	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	202080030289.5	5/22/2020			China	Pending
LEBA-008/01EP	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	20810392.9	5/22/2020			European Patent Office	Pending
LEBA-008/01IN	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	202117042531	5/22/2020			India	Pending

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LEBA-008/01JP	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	2021-555789	5/22/2020			Japan	Pending
LEBA-008/01KR	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	10-2021-7041677	5/22/2020			Republic of Korea	Pending
LEBA-008/01RU	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	2021137487	5/22/2020			Russian Federation	Pending
LEBA-008/01SG	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	11202109729S	5/22/2020			Singapore	Pending
LEBA-008/01US	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	16/881,132	5/22/2020			United States of America	Pending
LEBA-008/01WO	METHODS AND APPARATUS FOR IMPLEMENTING STATE PROOFS AND LEDGER IDENTIFIERS IN A DISTRIBUTED DATABASE	PCT/US2020/034197	5/22/2020			Patent Cooperation Treaty	Expired
LEBA-009/00US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	63/088,298	10/6/2020			United States of America	Expired

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LEBA-009/01US	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	17/493,934	10/5/2021			United States of America	Pending
LEBA-009/01WO	METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK	PCT/US2021/053595	10/5/2021			Patent Cooperation Treaty	Pending