

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CAUSAM ENTERPRISES, INC.	08/24/2021
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17681134
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NAME OF SUBMITTER:	JINAN GLASGOW GEORGE
SIGNATURE:	/JiNan Glasgow George/
DATE SIGNED:	02/28/2022
Total Attachments: 6	
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ASSIGNMENT OF RIGHTS: PATENTS & PATENT APPLICATIONS

Causam Enterprises, Inc. ("ASSIGNOR"), whose mailing address is 14460 Falls of Neuse Road Ste 149-302, Raleigh, NC 27614, US, is owner of the patents and patent applications listed in Appendix A (the "PATENTS & PATENT APPLICATIONS").

Causam eXchange, Inc. ("ASSIGNEE"), whose mailing address is 14460 Falls of Neuse Road Ste 149-302, Raleigh, NC 27614, US, desires to acquire all rights and interests in and to the PATENTS & PATENT APPLICATIONS and the Letters Patent (and any reissues or extensions) that may be granted.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers unto ASSIGNEE the full and exclusive right, title, and interest in and to (a) the above-identified PATENTS & PATENT APPLICATIONS, (b) all Letters Patents which may issue from said PATENTS & PATENT APPLICATIONS in the United States and countries foreign thereto, (c) all non-provisionals, divisions, continuations in whole or part, reissues, substitute applications, foreign applications, and all foreign patents that may issue therefrom, and extensions of said PATENTS & PATENT APPLICATIONS and Letters Patents, and (d) the right to claim for any of said PATENTS & PATENT APPLICATIONS the full benefits and priority right under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES: (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting the PATENTS & PATENT APPLICATIONS, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuing, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for the PATENTS & PATENT APPLICATIONS, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of NEO IP do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Causam Enterprises, Inc.

By: Joseph W. Forbes, Jr.

Name: JOSEPH FORBES, JR.

Title: CEO

Date: 08/24/21

Causam eXchange, Inc.

By: Joseph W. Forbes, Jr.

Name: JOSEPH FORBES, JR.

Title: CHAIRMAN

Date: 08/24/21

Appendix A

App No.	Filing Date	Country	Pub No.	Pub Date	Patent No.	Issue Date	Title
13/659,564	2012.10.24	US	2014-0114844	2014.04.24	8,849,715	2014.09.30	SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
2015/01815	2013.10.14	ZA	2015/01815	2016.06.29	2015/01815		SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
2013335114	2013.10.14	AU	2013335114	2014.05.01			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
2884794	2013.10.14	CA	2884794	2014.05.01			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
13849237.6	2013.10.14	EP	2912614A	2015.09.02			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
10-2015-7010142	2013.10.14	KR	10-2015-0079613	2015.07.08			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
MX/A/2015/003197	2013.10.14	MX	MX/A/2015/003197	2015.07.17			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
PCT/US13/64858	2013.10.14	WO	WO 2014/066087	2014.05.01			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
13/746,703	2013.01.22	US			8,583,520	2013.11.12	SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION

							IN AN ELECTRIC POWER GRID
13/888,839	2013.05.07	US			8,595,094	2013.11.26	SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
13/906,064	2013.05.30	US	2014-0114829	2014.04.24	8,719,125	2014.05.06	SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
14/050,325	2013.10.09	US	2014-0114849	2014.04.24	8,706,583	2014.04.22	System, method, and apparatus for settlement for participation in an electric power grid
14/050,329	2013.10.09	US	2014-0114850	2014.04.24	8,706,584	2014.04.22	System, method, and apparatus for settlement for participation in an electric power grid
14/193,563	2014.02.28	US	2014-0180884	2014.06.26	9,070,173	2015.06.30	System, method, and apparatus for settlement for participation in an electric power grid
14/193,600	2014.02.28	US	2014-0180885	2014.06.26	8,775,283	2014.07.08	System, method, and apparatus for settlement for participation in an electric power grid
14/193,654	2014.02.28	US	2014-0180886	2014.06.26	8,768,799	2014.07.01	System, method, and apparatus for settlement for participation in an electric power grid
14/292,393	2014.05.30	US	2014-0279326	2014.09.18	8,996,418	2015.03.31	System, method, and apparatus for settlement for participation in an electric power grid
14/292,418	2014.05.30	US	2014-0344124	2014.11.20	8,996,419	2015.03.31	System, method, and apparatus for settlement for participation in an electric power grid
14/483,802	2014.09.11	US	2015-0006375	2015.01.01			System, method, and apparatus for settlement for participation in an electric power grid
14/518,323	2014.10.20	US	2015-0248737	2015.09.03	9,779,461	2017.10.03	System, method, and apparatus for settlement for

							participation in an electric power grid
14/518,349	2014.10.20	US	2015-0046306	2015.02.12	9,786,020	2017.10.10	System, method, and apparatus for settlement for participation in an electric power grid
14/518,383	2014.10.20	US	2015-0039398	2015.02.05	9,418,393	2016.08.16	System, method, and apparatus for settlement for participation in an electric power grid
14/591,523	2015.01.07	US	2015-0178700	2015.06.25			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
14/610,153	2015.01.30	US	2015-0149256	2015.05.28	9,799,084	2017.10.24	SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID
14/610,181	2015.01.30	US	2015-0142526	2015.05.21	9,704,206	2017.07.11	System, method, and apparatus for settlement for participation in an electric power grid
15/223,738	2016.07.29	US	2016-0343094	2016.11.24	10,373,275	2019.08.06	System, method, and apparatus for settlement for participation in an electric power grid
15/720,378	2017.09.29	US	2018-0040090	2018.02.08	10,497,074	2019.12.03	System, method, and apparatus for settlement for participation in an electric power grid
15/727,203	2017.10.06	US	2018-0033097	2018.02.01	10,521,868	2019.12.31	System, method, and apparatus for settlement for participation in an electric power grid
15/644,080	2017.07.07	US	2017-0308969	2017.10.26	10,497,073	2019.12.03	System, method, and apparatus for settlement for participation in an electric power grid
15/790,439	2017.10.23	US	2018-0060978	2018.03.01	10,529,037	2020.01.07	SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID

16/531,881	2019.08.05	US	2020-0027175	2020.01.23	11,107,170	2021.08.31	System, method, and apparatus for settlement for participation in an electric power grid
16/694,135	2019.11.25	US	2020-0104948	2020.04.02			System, method, and apparatus for settlement for participation in an electric power grid
16/694,232	2019.11.25	US	2020-0111177	2020.04.09			System, method, and apparatus for settlement for participation in an electric power grid
16/725,618	2019.12.23	US	2020-0134744	2020.04.30			System, method, and apparatus for settlement for participation in an electric power grid
16/733,876	2020.01.03	US	2020-0143492	2020.05.07			SYSTEM, METHOD, AND APPARATUS FOR SETTLEMENT FOR PARTICIPATION IN AN ELECTRIC POWER GRID