

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM ANDERSON	11/27/2018
WILLIAM LUKACZYK	11/27/2018
RECEIVING PARTY DATA	
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Street Address:	3508 SHANNON PARK DRIVE
Internal Address:	MS-110
City:	FREDERICKSBURG
State/Country:	VIRGINIA
Postal Code:	22408
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18176012
CORRESPONDENCE DATA	
Fax Number:	
<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:	106761-0032 M23A ASSIGN
NAME OF SUBMITTER:	BRIAN POLLACK
SIGNATURE:	/Brian Pollack/
DATE SIGNED:	01/31/2024
Total Attachments: 3	
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DECLARATION AND ASSIGNMENT BY INVENTORS

THIS DECLARATION AND ASSIGNMENT, by William Anderson, and William Lukaczyk, having a mailing address c/o Lumenium LLC, 3508 Shannon Park Drive MS-110, Fredericksburg, VA 22408, UNITED STATES OF AMERICA (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in U.S. Provisional Patent Application Serial No. 62/771,961, filed in the United States Patent and Trademark Office on November 27, 2018; and

WHEREAS, Lumenium LLC, a Limited Liability Company having a mailing address at 3508 Shannon Park Drive MS-110, Fredericksburg, VA 22408 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Applications for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, to the extent not already transferred by Assignors to Assignee, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND each Assignor hereby states as follows: (i) The above-identified application was made or authorized to be made by me; (ii) I believe that I am the original inventor or an original joint inventor of a claimed invention in each of the above-referenced applications; and (iii) I hereby acknowledge that any willful false


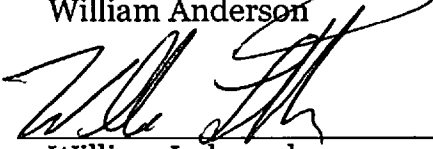
statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

CRAWFORD MAUNU PLLC

All practitioners at Customer Number 40581

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: <u>11-27-2018</u>	Signature: <u></u> William Anderson
Date: <u>11-27-2018</u>	Signature: <u></u> William Lukaczyk