504308302 04/05/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN ARNOLD	03/08/2017
GARY E. VOELKER	03/09/2017
JOE FASOLO	03/10/2017
PATRICK LADEN	03/08/2017

RECEIVING PARTY DATA

Name:	MILTEC UV INTERNATIONAL, LLC
Street Address:	146 LOG CANOE ROAD
City:	STEVENSVILLE
State/Country:	MARYLAND
Postal Code:	21666

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15327288

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.

Email: bwptopat@bannerwitcoff.com, lcochran@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD

Address Line 1: 1100 13TH ST. NW

Address Line 2: SUITE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER: 008235.00019		
NAME OF SUBMITTER:	MICHAEL S. CUVIELLO	
SIGNATURE:	/Michael S. Cuviello/	
DATE SIGNED:	04/05/2017	

Total Attachments: 4

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PATENT REEL: 041865 FRAME: 0552

504308302

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ASSIGNMENT

WHEREAS, WE, John Arnold, Gary E. Voelker, Joe Fasolo, and Patrick Laden residing in the United States of America (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

UV OR EB CURED POLYMER-BONDED CERAMIC PARTICLE LITHIUM SECONDARY BATTERY SEPARATORS, METHOD FOR THE PRODUCTION THEREOF

Which application was filed as U.S. Application Serial <u>15/327,288</u> on January 18, 2017 and filed as PCT International Application <u>PCT/US2015/027176</u> (published as wo 2016/010600 A1) on April 22, 2015,

and WHEREAS

MILTEC UV INTERNATIONAL, LLC

146 Log Canoe Road

Stevensville, MD 21666

The United States of America

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

WE hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application,

inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information further identifying the patent application to which this assignment pertains.

Date:	Inventor: John Arnold
Date:	Inventor: Gary E. Voeiker
Date: 3/10/17	Inventor: José Faselo
Date:	Inventor: Patrick Laden

Note: No legalization or other witness required.

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And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information further identifying the patent application to which this assignment pertains.

Date:	Inventor:
	John Arnold
Date:	Inventor:
	Gary E. Voelker
/ 3	Inventor: Jape Fasolo
Date: 3/10/17	Inventor: Jash Marsho
17'	Joe Fasolo
·	V'
	•
Date:	Inventor:
,,	Patrick Laden

Note: No legalization or other witness required.