504777209 02/14/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4823938

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		NUNC PRO TUNC ASSIGNMENT				
EFFECTIVE DATE:		08/19/2015				
CONVEYING PARTY D	ATA					
		Name	Execution Date			
LISLE B. HAGLER			02/13/2018			
RECEIVING PARTY DA	 TA					
Name: Lawrence Livermore National Security, LLC						
Street Address:	2300 First Street					
Internal Address:	Suite 204					
City:	Livermore					
State/Country:	CALIFORNIA					
Postal Code:	94550					
PROPERTY NUMBERS	Total: 3					
Property Type		Number				
		07353				
		56280				
PCT Number:	US1645493					
CORRESPONDENCE D	 ATA					
Fax Number: (925)423-8259						
	e sent to the	e-mail address first; if that is unsu				
using a fax number, if p Phone:	•	that is unsuccessful, it will be sent	via US Mail.			
Email:	925-422-7272 disney2@IInl.gov					
Correspondent Name:	LAWRENCE LIVERMORE NATIONAL LABORATORY					
Address Line 1:	7000 EAST AVENUE					
Address Line 2:	L-703, P.O. BOX 808					
Address Line 4:		LIVERMORE, CALIFORNIA 94551				
ATTORNEY DOCKET NUMBER:		IL-12921				
NAME OF SUBMITTER:		MARK H. LOUGH				
SIGNATURE:		/MARK H. LOUGH/				
DATE SIGNED:		02/14/2018				
Fotal Attachments: 1		•				

PATENT REEL: 045337 FRAME: 0228

ASSIGNMENT

LLNL Case No.: IL-12921

For good and valuable consideration, the receipt of which is hereby acknowledged ASSIGNOR(s)

1. Lisle B. Hagler 2.

hereby sells, assigns and transfers to ASSIGNEE, Lawrence Livermore National Security, LLC, a Delaware Corporation, having its administrative offices located at 2300 First Street, Suite 204, Livermore, CA 94550 and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled;

ELECTROSTATIC GENERATOR/MOTOR ROTOR ELECTRODE SYSTEM SUITABLE FOR INSTALLATION ON THE OUTER SURFACE OF AN EMB ROTOR

and which is found in

U.S. provisional application no.	62/207,353	, filed on	08/19/2015
U.S. patent application serial no	. 15/156,280	, filed on	05/16/2016
Int'l application serial no. PC	T/US2016/045493	, filed on	08/04/2016

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Lawrence Livermore National Security, LLC.

This assignment is effective nunc pro tunc as of August 19, 2015 consistent with the ASSIGNOR'S obligation and agreement in his employment contract that inventions are to be assigned to his employer.

Executed this

2/13

Signature of Inventor(s)

PATENT REEL: 045337 FRAME: 0229

RECORDED: 02/14/2018