502017869 08/08/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Marcus A. Worsley	07/26/2012
Joshua D. Kuntz	08/06/2012
Klint A. Rose	08/07/2012

RECEIVING PARTY DATA

Name:	Lawrence Livermore National Security, LLC	
Street Address:	2300 First Street, Suite 204	
City:	Livermore	
State/Country:	CALIFORNIA	
Postal Code:	94550	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13453933
Application Number:	61478410

CORRESPONDENCE DATA

Fax Number:

Email: yu25@llnl.gov

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Mark H. Lough/LLNS Address Line 1: 7000 East Avenue

Address Line 4: Livermore, CALIFORNIA 94550

ATTORNEY DOCKET NUMBER: IL-12299

NAME OF SUBMITTER: Mark H. Lough

Total Attachments: 3

source=IL_12299_Assignments_filed_8812#page1.tif source=IL_12299_Assignments_filed_8812#page2.tif source=IL_12299_Assignments_filed_8812#page3.tif

> PATENT REEL: 028747 FRAME: 0712

13453933

CH \$80.00

ASSIGNMENT

LENL Case No.: IL-12299)			
For good and valuable consider	leration the receipt of w	hich is	hereby ackno	owledged ASSIGNOR(s)
1. Marcus A. Worsley		_ 2.	Joshua D. k	Kuntz
3. Klint A. Rose		_ 4.		
having its administrative offi and legal representative of	ices located at 2300 Fir the ASSIGNEE all of	st Stre its ri	et, Suite 204, ight, title and	e National Security, LLC, a Delaware Corporation, Livermore, CA 94550 and the successors, assigns d interest for the United States and its territorial ents which are disclosed in the invention entitled:
STABILIZATION OF GREE DEPOSITION	N BODIES VIA SACR	IFICIA	AL GELLING A	AGENT DURING ELECTROPHORETIC
and which is found in				
 U.S. patent application listing the above na 	n executed on med persons as invento		, en	ntitled as above and
U.S. patent application	serial no. <u>13/453</u>	933	_ , filed on	4-23-2012
■ U.S. patent application	serial no. <u>61/478</u>	410	_ , filed on	4-22-2011
U. S. patent no.	, issued	-		
be obtained for said invention substitute thereof, and any reconventions for the Protection ASSIGNOR(S) hereby cover into which would conflict with ASSIGNOR(S) further cover documents relating to said it ASSIGNOR and will testify execute and deliver to ASSIC for, obtain, maintain, issue of which may be necessary or do the execution of this assignment officially known.	on by the above applice issue, reexamination of no findustrial Property mants that no assignment; that assignment; that ASSIGNEE was to the same in any in GNEE or its legal representation of the same in any in the same	ation or exter; t, sale, vill, up ers Pa nterfer sentation, sai purposassigni	or any continuision of said land agreement or con its request tent and legal ence, litigation we any and all id invention assess thereof. Ament the filing	to claim priority and, in and to, all Letters Patent to huation, division, continuation-in-part, extension or Letters Patent and all rights under all International or encumbrance has been or will be made or entered to the provided promptly with all pertinent facts and all equivalents as may be known and accessible to on, or proceeding relating thereto and will promptly all papers, instruments or affidavits required to apply and said Letters Patent and said equivalents thereof an attorney of record is authorized and requested by an addemarks to issue said Letters Patent of the United
				Livermore National Security, LLC.
executed this			Signature of I	Inventor(s)
7/26/12 Date		_	Marcus A. W	Vorsley
executed this		_	Signature of In	
Date			Joshua D. Ku	INTZ

PATENT REEL: 028747 FRAME: 0713

ASSIGNMENT

LLN	L Case No.: <u>IL-12299</u>		
For g	good and valuable consideration the recei	pt of which is	s hereby acknowledged ASSIGNOR(s)
1	Marcus A. Worsley	2.	Joshua D. Kuntz
3	Klint A. Rose	4.	
havin and l	ng its administrative offices located at 2 again representative of the ASSIGNEE all	300 First Stroof its right, t	ence Livermore National Security, LLC, a Delaware Corporation, reet, Suite 204, Livermore, CA 94550 and the successors, assigns title and interest for the United States and its territorial possessions nents which are disclosed in the invention entitled:
	BILIZATION OF GREEN BODIES VIA DSITION	SACRIFICIA	AL GELLING AGENT DURING ELECTROPHORETIC
and v	which is found in		
0	U.S. patent application executed on listing the above named persons as i		, entitled as above and
	U.S. patent application serial no.	13/453,933	, filed on <u>4-23-2012</u>
	U.S. patent application serial no.	61/478,410	, filed on <u>4-22-2011</u>
	U. S. patent no, i	ssued _	
be ole subst Conv	otained for said invention by the above itute thereof, and any reissue, reexaminate the protection of Industrial Protection	application ation or exteroperty; ignment, sale	uding the right to claim priority and, in and to, all Letters Patent to or any continuation, division, continuation-in-part, extension or ension of said Letters Patent and all rights under all International e, agreement or encumbrance has been or will be made or entered
ASSI execution for, of which the e	ments relating to said invention and sa GNOR and will testify as to the same in the and deliver to ASSIGNEE or its legal obtain, maintain, issue or enforce said ap in may be necessary or desirable to carry	id Letters Pan any interfer of any interfer of representate pplication, salout the purpose	apon its request, be provided promptly with all pertinent facts and ratent and legal equivalents as may be known and accessible to be rence, litigation, or proceeding relating thereto and will promptly tive any and all papers, instruments or affidavits required to apply aid invention and said Letters Patent and said equivalents thereof coses thereof. An attorney of record is authorized and requested by ment the filing date and serial number of said application when
			Patents and Trademarks to issue said Letters Patent of the United EE, Lawrence Livermore National Security, LLC.
execu	ated this		Signature of Inventor(s)
	Date		Marcus A. Worsley
exect	outed this 6 26 Z Date		Signature of Inventor(s) Joshua D. Kuntz

PATENT REEL: 028747 FRAME: 0714

LLNL Case No.: IL-12299		
executed this	Signature of Inventor(s)	
8/7/2012	- Hellen	
Date	Klint A. Rose	

PATENT REEL: 028747 FRAME: 0715

RECORDED: 08/08/2012