## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
MATTHEW MERRILL	06/09/2016
MICHAEL STADERMANN	05/24/2016

#### **RECEIVING PARTY DATA**

Name:	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC
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Internal Address:	SUITE 203
City:	LIVERMORE
State/Country:	CALIFORNIA
Postal Code:	94550

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15043226

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	IL-12535B	
NAME OF SUBMITTER:	MARK H. LOUGH	
SIGNATURE:	/Mark H. Lough/	
DATE SIGNED:	06/09/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

### **Total Attachments: 2**

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PATENT 503863433 REEL: 038855 FRAME: 0352

# ASSIGNMENT

LLNL Case No.: IL-12535B			
For good and valuable consideration	the receipt of which	h is hereby ackn	owledged ASSIGNOR(s)
Matthew Merrill	2	. <u>Michael S</u>	iadermann
having its administrative offices local and legal representative of the ASSIC and in all foreign countries in and to, HIGH ENERGY/POWER D	ated at 2300 First S TNEE all of its right any and all improve ENSITY NICK	Street, Suite 20- t, title and inter- ements which as EL OXIDE/	re National Security, LLC, a Delaware Corporation, I, Livermore, CA 94550 and the successors, assigns est for the United States and its territorial possessions of disclosed in the invention entitled: HYDROXIDE MATERIALS IRIALS AND PRODUCTION
U.S. patent application serial no.	15/043,226	, filed on	February 12, 2016
U. S. patent no.	issued on		
ASSIGNOR(S) further covenants that into which would conflict with this assignments relating to said invention ASSIGNOR and will testify as to the execute and deliver to ASSIGNEE or for, obtain, maintain, issue or enforce which may be necessary or desirable to the execution of this assignment to it officially known.	e above application or examination or examination or exastrial Property;  I no assignment, savingment;  I ASSIGNEE will, and said Letters same in any interfacts legal representers and application, so carry out the purposert into this assignment into this assignment.	in or any conti- tension of said le, agreement of upon its reques Patent and legs ference, litigation active any and all said invention a poses thereof.	to claim priority and, in and to, all Letters Patent to nuation, division, continuation-in-part, extension or Letters Patent and all rights under all International or encumbrance has been or will be made or entered at, be provided promptly with all pertinent facts and all equivalents as may be known and accessible to an, 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 any date and serial number of said application when ademarks to issue said Letters Patent of the United
States and any reissue or extension the	reof to the ASSIGN	NEE, Lawrence	Livermore National Security, LLC.
executed this		Signature of )	nventor(s)
<u> </u>		Matthew Mer	
executed this		Signature of I	nventor(s)
Date		Michael Stade	ormana

PATENT REEL: 038855 FRAME: 0353

# **ASSIGNMENT**

LLNL Case No.: IL-12535B	<del></del>	
For good and valuable consideration	the receipt of which	is hereby acknowledged ASSIGNOR(s)
I. Matthew Merrill	Ž.,	Michael Stadermann
having its administrative offices loca and legal representative of the ASSIG and in all foreign countries in and to, HIGH ENERGY/POWER D	ited at 2300 First Sta iNEE all of its right, any and all improver ENSITY NICKE	rence Livermore National Security, LLC, a Delaware Corporation, street, Suite 204, Livermore, CA 94550 and the successors, assigns to title and interest for the United States and its territorial possessions ements which are disclosed in the invention entitled:  EL OXIDE/HYDROXIDE MATERIALS  KIDE MATERIALS AND PRODUCTION
U.S. patent application serial no.	15 043,226 ,	, filed on February 12, 2016
U. S. patent no.	Issued on	·
ASSIGNOR(S) hereby covenants that into which would conflict with this ass ASSIGNOR(S) further covenants that documents relating to said invention ASSIGNOR and will testify as to the execute and deliver to ASSIGNEE or for, obtain, maintain, issue or enforce which may be necessary or desirable to	examination or extension of extension or ext	n or any continuation, division, continuation-in-part, extension or tension of said Letters Patent and all rights under all International le, agreement or encumbrance has been or will be made or entered upon its request, be provided promptly with all pertinent facts and Patent and legal equivalents as may be known and accessible to ference, litigation, or proceeding relating thereto and will promptly ative any and all papers, instruments or affidavits required to apply said invention and said Letters Patent and said equivalents thereof poses thereof. An attorney of record is authorized and requested by meent the filing date and serial number of said application when
AND the <u>ASSIGNOR(S)</u> requests the States and any reissue or extension the	Commissioner of Freof to the ASSIGNI	Patents and Trademarks to issue said Letters Patent of the United IEE, Lawrence Livermore National Security, LLC.
executed this		Signature of Inventor(s)
Date		Matthew Merrill
executed this		Signature of Inventor(s)
5/24/2016		M MM
Date		Michael Stadermann

PATENT REEL: 038855 FRAME: 0354

**RECORDED: 06/09/2016**