Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2098)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies) Yuk Chan Terrill B. Atwater	2. Name and address of receiving party(ies)  Name: The United States of America as represented by the Secretar Internal Address: of the Army.
Additional name(s) of conveying party(les) attached? Yes No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 01/04/2005	Street Address:
Assignment Merger  Security Agreement Change of Name	City: Washington
Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	State: DC  Country: U.S.A. Zlp: 20310  Additional name(s) & address(es) attached? Yes X No
A. Patent Application No.(s)  11/031,943  Additional numbers at	B, Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: U.S. Army CECOM LCMC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
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Street Address:	Enclosed  None required (government interest not affecting title)
City: Fort Monmouth	8, Payment Information
State: New Jersey Zip: 07703-5010	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 732-532-3187  Fax Number: 732-389-3396	b. Deposit Account Number 19-2201
Email Address: ursula.buki@us.army.mil	Authorized User Name U.S. Army
9. Signature: Chrysler 1811	kr 01/06/2010
Signature Ursula Buki	Total number of pages including cover 3 sheet, attachments, and documents:
Name of Person Signing	Oliveri minimum manimum manimu

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

	SIGNMENT OF INVENTION rm, see AR 27-80; the proponent ager	
ALKALI-HYDROXII Title of Invention: OXIDE LITHIUM-	•	IDENE FLUORIDE/POLYETHYLENE
Inventor(s) Yuk Chan and Te:	rrill B. Atwater	
*Application Serial No.: 11/031,943		
*Date Oath Executed: 04 January	•	January 2005
•	at execution may be added for better	—
I (We), the undersigned inventor(s), in con virture of the circumstances under which the		
Assign to the Government of the Unand interest throughout the United States, its and application for patent and all Letters Pater application and any release or extension of sail	Territories, Possessions, and Puerto R nt Issuing thereon, and any continuation	cretery of the Army, the entire right, title ico, in and to the above-entitled invention on, continuation-in-part or division of said
2. Agree to assign to the Government which the Government, within eight months of application to be filed; provided that if the Gosforeign country or falls to make such a determin such foreign country shall remain in me (us in any patent which may issue on the invention behalf of the Government and/or furtherance of	of the filling of the United States applic vernment determines not to cause an hination, within the said eight months, ), subject to a nonexclusive, irrevocab on in such foreign country, including the	application to be filed in any particular all right, title and interest in the invention le, royalty-free license to the Government ne power to issue sublicenses for use in
3. Agree to provide any further inform necessary to the prosecution of patent applications and patent applications and patent applications and patent applications.	ations on the invention, the prosecutio	to execute any further documents n and settlement of interferences and
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Signature of Inventor: // (First name,	(Middle Initial)	(Last name)
(First name,		
U.S. Army, RDECOM	CERDEC C2D Monmouth County	New Jersey 07703-5010
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U.S. Army, RDECOM	CERDEC C2D Monmouth County	New Jersey 07703-5010 (State)
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U.S. Army, RDECOM Duty Address; Fort Monmouth (Locality) Date: //Y/OV	CERDEC C2D Monmouth County (County)	New Jersey 07703-5010 (State)
U.S. Army, RDECOM Duty Address; Fort Monmouth (Locellty)  Date: ///OV  State of: New Jersey ) s	CERDEC C2D Monmouth County (County)	New Jersey 07703-5010 (State)
U.S. Army, RDECOM  Duty Address; Fort Monmouth  (Locellty)  Date:	CERDEC C2D  Monmouth County  (County)  Typed Name of inventor:	New Jersey 07703-5010 (State)
U.S. Army, RDECOM Duty Address; Fort Monmouth (Locellty)  Date: ///OV  State of: New Jersey ) s	CERDEC C2D  Monmouth County  (County)  Typed Name of inventor:	New Jersey 07703-5010 (State)  Yuk Chan
U.S. Army, RDECOM  Duty Address; Fort Monmouth  (Locality)  Date: Your State of: New Jersey  County of: Monmouth  On the above date and who executed the foregoing instrument of the state	CERDEC C2D  Monmouth County  (County)  Typed Name of inventor:	New Jersey 07703-5010 (State)  Yuk Chan
U.S. Army, RDECOM  Duty Address; Fort Monmouth  (Locellty)  State of: New Jersey  County of: Monmouth  On the above date and who executed the foregoing instrument date and deed.	CERDEC C2D  Monmouth County  (County)  Typed Name of inventor:  SS  known July appeared before me and acknowled	New Jersey 07703-5010 (State)  Yuk Chan  Ito me to be the individual described in edged to me that the same as his own free
U.S. Army, RDECOM  Duty Address; Fort Monmouth  (Locality)  Date: Your State of: New Jersey  County of: Monmouth  On the above date and who executed the foregoing instrument of the state	CERDEC C2D  Monmouth County  (County)  Typed Name of inventor:  SS  known July appeared before me and acknowled	New Jersey 07703-5010 (State)  Yuk Chan
U.S. Army, RDECOM  Duty Address; Fort Monmouth  (Locellty)  State of: New Jersey  County of: Monmouth  On the above date and who executed the foregoing instrument date and deed.	CERDEC C2D  Monmouth County  (County)  Typed Name of inventor:  SS  known July appeared before me and acknowled	New Jersey 07703-5010 (State)  Yuk Chan  To me to be the individual described in edged to me that the same as his own free mature of notary public)

SUPPLEME For use of this form, I	NTAL SIGNATURE See AR 27-60; the proponent	SHEET DOCKET CECOM	
Use this form with DA Forms 2873			
ASSIGNORIE) OR LICENSORIE! NAME(#)		12. APPLICATION SERIAL NUM	IBER
Yuk Chan	•	11/031,943	
Terrill B. Atwater	•	3. FILING DATE 01/05/26	005
TITLE OF INVENTION ALKALI-HYDROXIDE		MATIDENE LFGORIDEL	
POLYETHYLENE OXIDE LITHIUM-AIR	BALLEKI		
SIGNATURE OF INVENTOR:	alward		
U.S. Army, RDECOM	(Allette initial)	(Lest name)	
DUTY ADDRESS: Fort Monmouth	Monmouth County	New Jersey 0770	<u> </u>
DUTY ROOKESS.			
DATE SIGNED: 4 Jun 05	INVENTOR'S TYPED NAM	ME: Terrill B. Atwar	ter
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STATE OF New Jersey	) ) 55.		
COUNTY OF Monmouth			
Terrill B.		n to me to be the individual desc	
(SEAL)	My Commission e	(Signature of nosery public of Notery Public of My Commission Expire	NIKI New Jorday
SIGNATURE OF INVENTOR:	(Middle Initia	(Lest name)	
(First name)			
DUTY ADDRESS:			
	INVENTOR'S TYPEO N	AME:	
DATE SIGNED:	- INVENTOR'S TIFED IN	^\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
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STATE OF	\$55.		
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RECORDED: 01/06/2010

**PATENT** 

REEL: 023742 FRAME: 0540