

Form PTO-1595 (Rev. 07/05)  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Joseph B. Wooldridge

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/31/05

- ☐ Assignment
 ☐ Merger  
☐ Security Agreement
 ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other Release of Patent Mortgage and Security

### 2. Name and address of receiving party(ies)

Name: Lumenium LLC

Internal Address: Yakir Lubowsky

Street Address: 448 Devon Drive

City: Warrentown

State: VA

Country: USA Zip: 20186

Additional name(s) & address(es) attached? ☐ Yes ☐ No

### 4. Application or patent number(s):

A. Patent Application No.(s)

☐ This document is being filed together with a new application.

B. Patent No.(s)

U.S. Patent No. 6,758,188

Additional numbers attached? ☐ Yes ☐ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: John L. Dauer, Jr.

Internal Address: Day Pitney LLP

Street Address: 7 Times Square

City: New York

State: New York Zip: 10036

Phone Number: 212-297-5839

Fax Number: 212-916-2940

Email Address: jdauer@daypitney.com

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-1145

Authorized User Name John F. Gulbin

### 9. Signature:

John F. Gulbin  
Signature

2/7/08  
Date

John F. Gulbin (Reg. No. 33,180)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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

CH \$40.00 501145 6758188

PATENT

REEL: 020487 FRAME: 0157

700359724

Attorney Docket No. \_\_\_\_\_

**SATISFACTION AND RELEASE OF PATENT  
MORTGAGE AND SECURITY AGREEMENT  
(Escrow Version)**

Serial No. 10/340,186Filed January 10, 2003

WHEREAS, Lumenium LLC, c/o Yakir Lubowsky, 448 Devon Drive, Warrenton, VA 20186, ("Lumenium") owns the entire full right, title and interest in and to the **Continuous Torque Inverse Displacement Asymmetric Rotary Engine** (Serial No. 10/340,186 -- Application filed January 10, 2003) (the "Invention"), and all related patents ("the Patents"), and;

WHEREAS, Joseph B. Wooldridge, of 108 Lakeshore Run, Mineral, VA 23117 USA (together with his heirs, successors, legal representatives and assigns, "Wooldridge") was granted a security interest in such Invention, and all related Patents pursuant to a Patent Mortgage and Security Agreement made as of December 30, 2003 (the "Mortgage") in order to secure certain obligations (the "Obligations") of Lumenium to Wooldridge under a Secured Promissory Note of even date therewith (the "Note"), and;

WHEREAS, Lumenium LLC, has fully satisfied all of the Obligations and paid in full all amounts owing under the Note, and Wooldridge is prepared now to release the liens and security interests under the Mortgage, and to permit the Mortgage to be discharged of record.

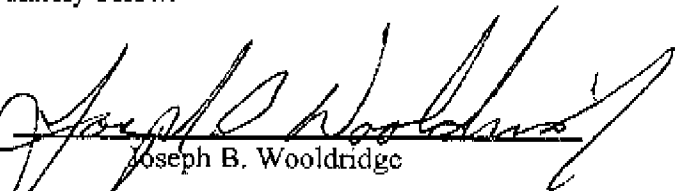
NOW, THEREFORE, in consideration of satisfying all the Obligations, and discharging the Note, and for the sum of One Dollar (\$1.00) paid in hand to Wooldridge, the receipt of which is hereby acknowledged, and other good and valuable consideration, Wooldridge hereby acknowledges full satisfaction of the Mortgage and payment in full of the Note.

Wooldridge agrees to the filing of this Release and to execute all papers and documents and to perform any act which may be deemed by Lumenium to be necessary in connection with effectuating this Release.

Wooldridge hereby grants the law firm of \_\_\_\_\_ the power to insert on this Release any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

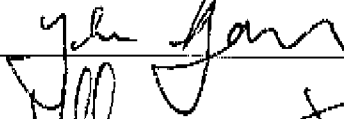
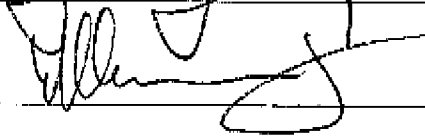
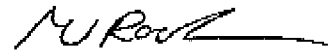
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IN WITNESS WHEREOF, this Release has been executed and delivered by  
Wooldridge as of the date indicated immediately below.

Date: 12/31/05Signature: 

Joseph B. Wooldridge

WITNESSES:

NVAZH5479.1