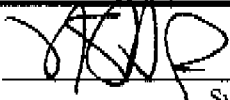


RECORDATION FORM COVER SHEET PATENTS ONLY

Docket No.: 2642.2003-004

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

<p>1 Name of conveying party(ies)/Execution Date(s)</p> <p>1) PRAKASH B. JOSHI /12/5/05 2) BERNARD L. UPSCHULTE /12/12/05 3) ALAN H. GELB /12/5/05 4) B. DAVID GREEN /12/5/05 /</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2 Name and address of receiving party(ies)</p> <p>Name: <u>PHYSICAL SCIENCES, INC.</u></p> <p>Internal Address: _____</p> <p>Street Address <u>20 NEW ENGLAND BUSINESS CENTER</u></p>
<p>3 Nature of conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p>	<p>City: <u>ANDOVER</u></p> <p>State: <u>MASSACHUSETTS</u></p> <p>Country: <u>USA</u> Zip: <u>01810-1077</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s)</p> <p>A Patent Application No (s)</p> <p><u>11/086,789</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><input type="checkbox"/> This document is being filed together with a new application</p> <p>B Patent No (s)</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed</p> <p>Name: <u>N SCOTT PIERCE, ESQ.</u></p> <p>Internal Address _____</p> <p><u>HAMILTON, BROOK, SMITH & REYNOLDS, P.C.</u></p> <p>Street Address <u>530 VIRGINIA ROAD, P.O. BOX 9133</u></p> <p>City: <u>CONCORD</u> State: <u>MA</u> ZIP <u>01742-9133</u></p> <p>Phone No <u>978-341-0036</u> Fax No. <u>978-341-0136</u></p> <p>Email Address <u>SCOTT.PIERCE@HBSR.COM</u></p>	<p>6. Total number of applications and patents involved <u>[1]</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorization to charge deposit account number 08-0380</p> <p><input type="checkbox"/> Previously submitted - Doc. ID No. <u>[]</u></p> <p><input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380</p> <p>Do not attach a copy of this page if paying by deposit account and filing via facsimile</p> <p>Attach a copy of this page if paying by deposit account and filing via mail</p>
<p>8. <u>N. SCOTT PIERCE</u>  <u>1/4/06</u></p> <p>Name of Person Signing Signature Date</p> <p align="right">Total number of pages including cover sheet, attachments, and documents: <u>[5]</u></p>	

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Multi-JointASSIGNMENT

WHEREAS, we, **Prakash B. Joshi, Bernard L. Upschulte, Alan H. Gelb and B. David Green**, together with co-inventors **Dean M. Lester, David W. Starrett and Ingvar A. Wallace**, have invented a certain improvement in **"Polyoxymethylene as Structural Support Member and Propellant"** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **11/086,789**, filed **March 22, 2005**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and assigned United States Application No. []];
- ☐ which was patented under United States Patent No. [].

WHEREAS, **Physical Sciences, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **20 New England Business Center, Andover, Massachusetts 01810-1077** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby

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expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: Prakash B. Joshi
Prakash B. Joshi

State/Commonwealth

of MASSACHUSETTS

County of ESSEX

On this 5th day of DECEMBER, 2005, before me, the undersigned notary public, personally appeared **Prakash B. Joshi**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Sarah J. Scaramella Notary Public
SARAH J. SCARAMELLA (print name)
My Commission expires 05/19/2006

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Inventor's Signature: Bernard L. Upschulte
Bernard L. Upschulte

State/Commonwealth

of MASSACHUSETTSCounty of ESSEX

On this 12th day of DECEMBER, 2005, before me, the undersigned notary public, personally appeared **Bernard L. Upschulte**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Sarah J. Scaramella Notary Public
SARAH J. SCARAMELLA (print name)
My Commission expires 05/19/2006

Inventor's Signature: Alan H. Gelb
Alan H. Gelb

State/Commonwealth

of MASSACHUSETTSCounty of ESSEX

On this 5th day of DECEMBER, 2005, before me, the undersigned notary public, personally appeared **Alan H. Gelb**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Sarah J. Scaramella Notary Public
SARAH J. SCARAMELLA (print name)
My Commission expires 05/19/2006

PATENT

REEL: 017162 FRAME: 0595

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Inventor's Signature: _____

B. David Green
B. David Green

State/Commonwealth

of MASSACHUSETTSCounty of EssexOn this 5th day of DECEMBER, 2005, before me, the undersigned
notary public, personally appeared **B. David Green**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was
_____to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/~~she~~ signed the foregoing instrument as his/~~her~~ free act and deed.

(SEAL)

Sarah J. Scaramella Notary PublicSARAH J. SCARAMELLA (print name)My Commission expires 05/19/2006.