| Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2005) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
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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. | |
| Name of conveying party(les): | 2. Name and address of receiving party(jes) |
| Robert S. RITCHIE | Name: Pacific Scientific Energetic Materials Company |
| Steven D. NELSON Michael N. DIAMOND | Internal Address: |
| Additional name(s) of conveying party(ies) attached? Yes X No | Street Address: |
| 3. Nature of conveyance/Execution Date(s): | |
| Execution Date(s): 05/21/07, 05/22/07 & 05/22/07, respectfully | 24906 Kearney Avenue |
| X Assignment Merger Change of Name | · |
| Security Agreement Joint Research Agreement | City: Valencia |
| Government Interest Assignment | State: CA |
| Executive Order 9424, Confirmatory License | Country: US Zip; 91355 |
| Other | Additional name(s) & address(es) Yes X No |
| 11/657,723 Additional numbers ettached? | Yes X No |
| Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: | |
| MICHAEL A. OBLON | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 |
| Internal Address: Atty. Dkt.; 61872-8005,US01 | Authorized to be charged by credit card |
| Street Address: PERKINS COIE, LLP 607 Fourteenth Street, NW | X Authorized to be charged to deposit account |
| Suite 800 | Enclosed |
| | None required (government interest not affecting title) |
| City: Washington | 8. Payment Information |
| State: DC Zip: 20005-2011 | a. Credit Card Last 4 Numbers |
| Phone Number: (202) 628-6600 | Expiration Date |
| Fax Number: (202) 434-1690 | b. Deposit Account Number 50-0665 |
| Email Address: moblon@perkinscoie.com | Authorized User Name Michael A. Oblon |
| 9. Signature: | 06/05/2007 Date |
| Michael A. Oblon, Reg. No. 42,956 | T-t-1 |
| Name of Person Signing | sheef, attachments, and documents: |

PATENT REEL: 019386 FRAME: 0135

Docket No.

<u>ASSIGNMENT</u>

WHEREAS WE, Robert S. Ritchic of Newhall. CA, Steven D. Nelson of Redondo Beach, CA, and Michael N. Diamond of Thousand Oaks, CA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled NETWORKED PYROTECHNIC ACTUATOR INCORPORATING HIGH-PRESSURE BELLOWS, for which an application for United States Letters Patent was filed on January 25, 2007, and identified by United States Application No. 11/657,723;

AND WHEREAS, PACIFIC SCIENTIFIC ENERGETIC MATERIALS COMPANY, having an address of 24908 Kearney Avenue, Valencia, CA 91355, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, WE do herby sell, assign, transfer and set over unto PACIFIC SCIENTIFIC ENERGETIC MATERIALS COMPANY, its legal representatives, successors, and assigns, the entire right, title and interest in aud to said invention as set forth in the above-mentioned application and any modifications and/or improvements therefor (hereinafter "invention"), any patent applications in the United States and foreign countries, including Provisional Application No. 60/882,856 filed December 29, 2006, and any original applications, formal applications, continuation applications, continuation applications, request for continued examination applications, divisional applications, reissue applications, re-examinations or extensions thereof, and in all rights to claim priority therefrom and/or thereto; and any copyright or designs associated with or in said invention, and all rights of action and damages for any past, present or future infringement relating thereto, including all rights of actions and damages from publication of the patent applications and/or issuance of any patent relating thereto;

UPON SAID CONSIDERATIONS, WE hereby agree with the said assignee that WE will not execute any writing or do any act whatsoever conflicting with these presents, and that WE will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representative of assignor and assignee:

The undersigned hereby grant(s) the firm of Perkins Coie LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND WE request the Commissioner for Patents to issue any Letters Patent of the United States which may be issued for said invention to said PACIFIC SCIENTIFIC ENERGETIC MATERIALS COMPANY, its legal representative, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent(s) and the invention covered thereby,

Robert S. Ritchie

Stoven D. Nelson

Michael N. Diamond

RECORDED: 06/05/2007

May 21, 2007

Date /

Date

Date

61872-8005.US01/LEGAL13194386.1

PATENT REEL: 019386 FRAME: 0136