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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

1024.03

To the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Please record and index the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Lyon, Brad King</p>		<p>2. Name and address of receiving party(ies): Name: Michigan Technological University Address: 1400 Townsend Drive Houghton, MI 49931 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>							
<p>3. Nature of Conveyance: Assignment Execution Date: <u>October 16, 2003</u></p>		<p>19270 U.S. PTO 10/693127</p>							
<p>4. This document is being filed together with a new application. The execution date of the application is: <u>October 16, 2003</u> 10693127</p>									
<p>NO ADDITIONAL NUMBERS ATTACHED.</p>									
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Daniel S. Jones Michael Best & Friedrich LLP 100 East Wisconsin Avenue Milwaukee, Wisconsin 53202-4108 Phone: (414) 271-6560</p>		<p>6. Total number of applications and patents involved: <u>1</u></p>							
		<p>7. Total fee (37 CFR 3.41):.....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Deficiencies in fee charged to Deposit Account</p>							
		<p>8. Deposit account number: <u>13-3080</u></p>							
<p>DO NOT USE THIS SPACE</p>									
<p>9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <table border="0"><tr><td>Daniel S. Jones (Reg. No. 42,697)</td><td></td><td>October 24, 2003</td></tr><tr><td>Name of Person Signing</td><td>Signature</td><td>Date</td></tr></table> <p>Total number of pages including cover sheet, attachments, and document: <u>3</u></p>				Daniel S. Jones (Reg. No. 42,697)		October 24, 2003	Name of Person Signing	Signature	Date
Daniel S. Jones (Reg. No. 42,697)		October 24, 2003							
Name of Person Signing	Signature	Date							
OMB No. 0651-0011 (exp. 4/94) H:\PF\FORM\ASSIGN.CS1		Attorney File 066040-9764-00							

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ASSIGNMENT

Pursuant to our obligation to Board of Control of Michigan Technological University (hereinafter referred to as "Assignee"), a constitutional corporation of the State of Michigan having its principle place of business at:

1400 Townsend Drive
Houghton, MI 49931

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Lyon Brad King
30981 Woodbush Road
Calumet, MI 49913

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, my entire right, title and interest

(1) in and to an invention entitled "THRUSTER APPARATUS AND METHOD" for which I have executed a United States Patent Application on even date herewith (Atty. File No. 066040-9764-00);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

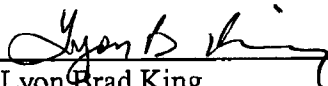
(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

10-16-03
Date


Lyon Brad King