

06-24-1998

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MPD 6/8/98



To the Honorable Commissioner of Patents

100746484

attached documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Dennis N. Bingham Richard C. Swainston Gary L. Palmer</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Lockheed Martin Idaho Technologies</u></p> <p>Internal Address: <u>Alan D. Kirsch</u> <u>P. O. Box 1625</u> <u>Idaho Falls, ID 83415-3805</u></p> <p>Street Address: _____</p> <p>City: _____ State: _____ ZIP: _____</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>Execution Date: <u>May 14 1998 and May 15, 1998</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>If this document is being filed together with a new application, the execution date of this application is: _____</p> <table border="0"> <tr> <td data-bbox="194 871 852 1018">A. Patent Application No.(s)</td> <td data-bbox="852 871 1523 1018">B. Patent No.(s)</td> </tr> <tr> <td></td> <td>5,733,174</td> </tr> </table> <p>Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No.(s)	B. Patent No.(s)		5,733,174
A. Patent Application No.(s)	B. Patent No.(s)				
	5,733,174				
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Alan D. Kirsch</u></p> <p>Internal Address: <u>Lockheed Martin Idaho Technologies Company, P. O. Box 1625, Idaho Falls, ID 83415-3899</u></p> <p>Street Address: _____</p> <p>City: _____ State: _____ ZIP: _____</p>	<p>6. Total number of applications and patents involved: <input type="checkbox"/> 1 <input checked="" type="checkbox"/></p> <p>7. Total fee (37 CFR 3.41).....<u>\$40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit account number.</p> <p><u>05-0565</u></p>				

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9. Statement and signature.

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.

Alan D. Kirsch *Alan D. Kirsch* 6-3-98
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document [7]

PATENT ASSIGNMENT

WHEREAS, we Dennis N. Bingham, Richard C. Swainston and Gary L. Palmer, citizens of the United States, residing in Idaho Falls, County of Bonneville, State of Idaho; residing in Preston, County of Franklin, State of Idaho; residing in Idaho Falls, County of Bonneville, State of Idaho; have invented certain new and useful improvements in the Method and Apparatus for Cutting, Abrading, and Drilling with Sublimable Particles and Vaporious Liquids for which a patent application for a United States Letters Patent was filed on August 11, 1995 (S\N 08/513,709) and United States Patent Number 5,733,174 issued therefrom on March 31, 1997.

WHEREAS, the original recorded assignment document that we signed was recorded August 8, 1995 at Reel 7664, Frame 0263;

WHEREAS, the original record assignment document contained an error in the identification of the proper assignee;

WHEREAS, we confirm that the proper assignee of United States Patent No. 5,733,174 (S\N 08/513,709) is Lockheed Martin Idaho Technologies Company;

WHEREAS, Lockheed Martin Idaho Technologies Company desires to acquire the entire right, title, and interest in and to the said invention and in and to the Letters Patent issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration paid to me by Lockheed Martin Idaho Technologies Company, the receipt of which is hereby acknowledged, we by these presents do sell, assign, transfer and confirm unto Lockheed Martin Idaho Technologies Company and/or their assigns, the entire right title and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by Lockheed Martin Idaho Technologies Company to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

We agree to make, execute, and deliver unto Lockheed Martin Idaho Technologies Company any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by Lockheed Martin Idaho Technologies Company or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said application may encounter or in which they may become involved, and we agree that we will aid Lockheed Martin Idaho Technologies Company or their assigns, except that any expenses arising through extending such assistance will be paid

for by proper arrangement with Lockheed Martin Idaho Technologies Company.

WITNESS:

Patricia Butcher

INVENTORS:

Dennis N. Bingham
Dennis N. Bingham
Date 5-14-98

WITNESS:

Jennifer Swainston

Richard C. Swainston
Richard C. Swainston
Date 5-15-98

WITNESS:

Patricia Butcher

Gary L. Palmer
Gary L. Palmer
Date 5-14-98