

08-04-2000

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PATENTS ONLY

Our Ref.: 2992-12

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <u>7.20.00</u> Srinivasa L. Iyer</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>July 8, 2000</u></p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>South Dakota School of Mines and Technology</u> Internal Address: _____ Street Address: <u>501 East Saint Joseph Street</u> _____ City: <u>Rapid City</u> State/Country: <u>South Dakota</u> Zip: <u>57701-3995</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): <u>09/620134</u> If this document is being filed together with a new application, the execution date of the application is: <u>July 8, 2000</u></p> <table border="0"><tr><td>A. Patent Application No(s). (1) To Be Assigned (2) (3)</td><td>B. Patent No(s). (1) (2) (3)</td></tr></table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				A. Patent Application No(s). (1) To Be Assigned (2) (3)	B. Patent No(s). (1) (2) (3)	
A. Patent Application No(s). (1) To Be Assigned (2) (3)	B. Patent No(s). (1) (2) (3)					
<p>5. Name and address of party to whom correspondence concerning document should be mailed: <u>07/28/2000 DBUTLER 00000051 09/620134</u> <u>04 FC:561</u> Name: <u>Alan M. Kagen</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>		<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>				
DO NOT USE THIS SPACE						
<p>9. Statements 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.</p> <table border="0"><tr><td><u>Alan M. Kagen</u> Name of Person Signing Reg. No. 36,178</td><td><u>Alan M. Kagen</u> Signature</td><td><u>July 20, 2000</u> Date</td></tr></table> <p>Total number of pages including original cover sheet, attachments, and document: <u>[3]</u></p>				<u>Alan M. Kagen</u> Name of Person Signing Reg. No. 36,178	<u>Alan M. Kagen</u> Signature	<u>July 20, 2000</u> Date
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2992-12

ASSIGNMENT FOR PATENT APPLICATION
(All Rights)

WHEREAS Srinivasa L. Iyer (hereinafter ASSIGNOR), of 3922 Mountain Shadow Place, Rapid City, South Dakota 57702 has made an invention entitled BEAM FILLED WITH MATERIAL, DECK SYSTEM AND METHOD for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith;

WHEREAS, South Dakota School of Mines and Technology (hereinafter ASSIGNEE), having an office and place of business at 501 East Saint Joseph Street, Rapid City, South Dakota 57701-3995 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the

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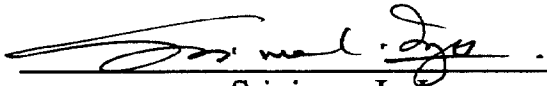
United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

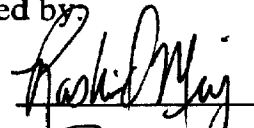
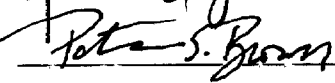
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

7-8-00 
Date Srinivasa L. Iyer

Witnessed by:
Name:  RASHID MIRZA Date: 7/8/00
Name:  Patricia S. BROWN Date: 7/8/00

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AGREED and executed as noted below:

7-8-00 Srinivasa L. Iyer
Date

Witnessed by

Name: Rashid Miras RASHID MIRAS Date: 7/8/00
Name: Patricia S. Brown Patricia S. BROWN Date: 7/8/00

COPY