

07-27-1999



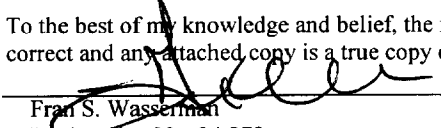
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RECORDATION FORM COVER SHEET  
U.S. DEPARTMENT OF COMMERCE

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Box Assignments  
Washington, D.C. 20231

Attorney Docket No. Particle.Div3

<p>1. A. Name of conveying party(ies): Glenn L. Beane</p> <p>B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. A. Name and address of receiving party(ies): Materials Innovation, Inc. 17 Interchange Drive West Lebanon, NH 03784 USA</p> <p>B. Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. A. Nature of conveyance: <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>B. Execution Date:</p>			
<p>4. A. If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>B. Patent Application No.(s) _____ C. Patent No.(s) 5,820,721</p> <p>D. Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Fran S. Wasserman Address: Materials Innovation Inc. 17 Interchange Drive W. Lebanon, NH 03784</p>		<p>6. Total number of applications and patents involved: 1</p>	
		<p>7. A. Total fee (37 CFR 3.41) \$ 40</p> <p>B. Enclosed (Check No. 6268 )</p>	
		<p>8. Credit any overpayment or charge any underpayment to deposit account number 13-2162.</p>	
<p>9. Statement and signature.</p> <p>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> <p> _____ Fran S. Wasserman Registration No. 34,273</p> <p>Date: 7/20/99</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>			

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( 40.00 OP )

PATENT  
REEL: 010113 FRAME: 0427

# PATENT ASSIGNMENT

**WHEREAS, I, Glenn L. Beane**, citizen of the United States of America, have invented certain new and useful improvements in "Manufacturing Particles And Articles Having Engineered Properties" as described and set forth in a Letters Patent of the United States of America, U.S. Patent No. 5,820,721, issued on October 13, 1998;

**AND WHEREAS, Materials Innovation Inc.**, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of New Hampshire, and having a place of business at 17 Interchange Drive, West Lebanon, New Hampshire 03784 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor.

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN**, that I, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to me in hand paid by said COMPANY, the receipt and sufficiency of which I hereby acknowledge, have each sold, assigned, transferred and conveyed, and by this assignment do each sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, division, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, **TO HAVE AND TO HOLD** the same for its own use and behalf and for the use and behalf of its successors, assigns or legal representatives to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements, as fully and entirely as the same would have been held by me if this sale and assignment had not been made.

**AND** I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

**AND** I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

**AND** I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other

personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

**AND** I hereby grant Fran S. Wasserman, Esq. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office (or any other U.S. or foreign government or agency or office thereof) for recordation of this document.

**AND**, I further covenant and agree that I will at any time upon request, communicate to said COMPANY, its successors, assigns or other legal representative, any facts relating to said invention, inventions or improvements known to me, and will testify as to the same in any interference, opposition, litigation or other ex parte or inter partes matter when requested to do so.

**IN WITNESS WHEREOF**, I GLENN L. BEANE  
 have hereunto set my hand  
 and seal this 15 day of July, 1999.  
Glenn L. Beane

COUNTY OF GRAFTON

)  
STATE OF NEW HAMPSHIRE ) ss:

BE IT KNOWN, that on this 15 day of July, 1999,  
 personally appeared GLENN L. BEANE, to me known and  
 known to me to be the individuals described in and who executed the forgoing  
 assignment and he acknowledged to me that he executed same.

Constance Almeida  
 Constance Almeida  
 Notary Public

SEAL

My commissions expire: 28 May 2004

# CERTIFICATE OF MAILING

JUL 23 1999

Date of Deposit 20, July 1999

I hereby certify under 37 CFR 1.8 (a) that this correspondence and all attachments thereto are being deposited with the United States postal Services as first class mail with sufficient postage on the date indicated above and is addressed tot he Commissioner of Patents and Trademarks, Washington, D.C. 20231

Constance Almeida  
Constance Almeida