

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel James BRANAGAN</td> <td>11/02/2010</td> </tr> <tr> <td>Brian E. MEACHAM</td> <td>11/11/2010</td> </tr> <tr> <td>William D. KIILUNEN</td> <td>11/23/2010</td> </tr> <tr> <td>James N. MILLOWAY</td> <td>11/02/2010</td> </tr> <tr> <td>Brian D. MERKLE</td> <td>11/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	Daniel James BRANAGAN	11/02/2010	Brian E. MEACHAM	11/11/2010	William D. KIILUNEN	11/23/2010	James N. MILLOWAY	11/02/2010	Brian D. MERKLE	11/08/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The NanoSteel Company, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>272 West Exchange Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 300</td> </tr> <tr> <td>City:</td> <td>Providence</td> </tr> <tr> <td>State/Country:</td> <td>RHODE ISLAND</td> </tr> <tr> <td>Postal Code:</td> <td>02903</td> </tr> </table>		Name:	The NanoSteel Company, Inc.	Street Address:	272 West Exchange Street	Internal Address:	Suite 300	City:	Providence	State/Country:	RHODE ISLAND	Postal Code:	02903
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CORRESPONDENCE DATA													
<p>Fax Number: (603)668-2970</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 603.668.6560</p> <p>Email: bcurrier@gtp.com</p> <p>Correspondent Name: Steven J. Grossman</p> <p>Address Line 1: 55 South Commercial Street</p> <p>Address Line 2: GROSSMAN, TUCKER, PERREAULT & PFLEGER</p> <p>Address Line 4: Manchester, NEW HAMPSHIRE 03101</p>													
ATTORNEY DOCKET NUMBER:	NANO046												

OP \$40.00 12917343

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PATENT
REEL: 025461 FRAME: 0754

NAME OF SUBMITTER:

Steven J. Grossman

Total Attachments: 5

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ASSIGNMENT

WHEREAS, We, **BRANAGAN, Daniel James, MEACHAM, Brian E., KIILUNEN, William D., MILLOWAY, James N., and MERKLE, Brian D.** made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on **November 1, 2010**, which application was assigned U.S. patent application serial number **12/917,343**, and is entitled:

Glass Forming Hardbanding Material

AND, WHEREAS, **The NanoSteel Company, Inc.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at **272 West Exchange Street, Suite 300, Providence, Rhode Island 02903**, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

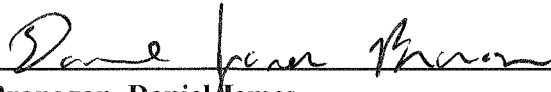
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed under the Patent Cooperation Treaty, any regional patent offices and in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to

issue any and all United States Letter Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of November, 2010.


Branagan, Daniel James

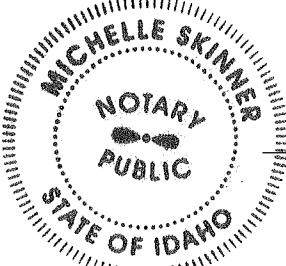
State of: Idaho

County of: Bonneville

Before me personally appeared

Daniel James Branagan

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 2nd day of November, 2010.



Michelle Skinner

(Notary Public) expires 12/11/15

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of NOVEMBER, 2010.

Brian E. Meacham

Meacham, Brian E.

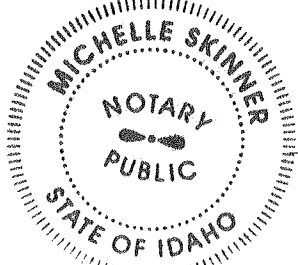
State of: Idaho

County of: Bonneville

Before me personally appeared

Brian E. Meacham

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 11 day of November, 2010.



Michelle Skinner

(Notary Public) expires 12/11/15

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of NOVEMBER, 2010.

William D. Kiilunen

Kiilunen, William D.

State of: Rhode Island

County of: Providence

Before me personally appeared

William D. Kiilunen
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 23rd day of November, 2010.

Nicole Revello
Nicole Revello (Notary Public)
My commission expires 12/4/2011

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of November, 2010.

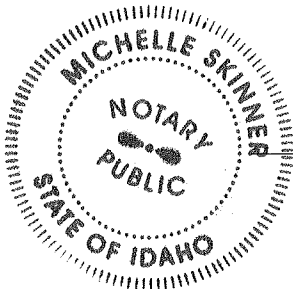
James N. Milloway
Milloway, James N.

State of: Idaho

County of: Bonnerville

Before me personally appeared

James N. Milloway
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 2nd day of November, 2010.



Michelle Skinner
(Notary Public) expires 12/11/15

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of NOVEMBER, 2010.

Brian D. Merkle

Merkle, Brian D.

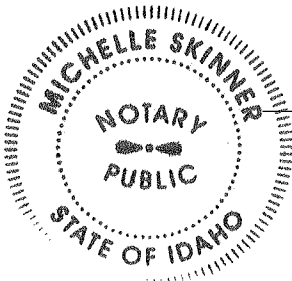
State of: Idaho

County of: Bonneville

Before me personally appeared

Brian D. Merkle

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 8 day of November, 2010.



Michelle Skinner

(Notary Public)

expires 12/11/15