

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>William Stasko</td> <td>05/20/1991</td> </tr> <tr> <td>Kenneth E. Pinnow</td> <td>05/20/1991</td> </tr> </tbody> </table>		Name	Execution Date	William Stasko	05/20/1991	Kenneth E. Pinnow	05/20/1991
Name	Execution Date						
William Stasko	05/20/1991						
Kenneth E. Pinnow	05/20/1991						
RECEIVING PARTY DATA							
Name:	Crucible Materials Corporation						
Street Address:	P.O. Box 977, State Fair Boulevard						
City:	Syracuse						
State/Country:	NEW YORK						
Postal Code:	13201						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>5344477</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	5344477		
Property Type	Number						
Patent Number:	5344477						
CORRESPONDENCE DATA							
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-258-0652 Email: eraynes@symbus.com Correspondent Name: Evan A. Raynes Address Line 1: 1425 K Street, N.W. Address Line 2: Suite 350 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>							
ATTORNEY DOCKET NUMBER:	3281-0001						
NAME OF SUBMITTER:	Evan A. Raynes						
	This document serves as an Oath/Declaration (37 CFR 1.63).						
<p>Total Attachments: 1 source=Inventor-CMC Assignment - PREALLOYED HIGH-VANADIUM, COLD WORK TOOL STEEL PARTICLES#page1.tif</p>							

OP \$40.00 5344477

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SOLE/JOINT INVENTION
(Worldwide Rights)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
PREALLOYED HIGH-VANADIUM, COLD WORK TOOL STEEL PARTICLES AND METHOD FOR

(Title of Invention)

PRODUCING THE SAME

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on _____, 19____ (Serial No. _____); and

WHEREAS, CRUCIBLE MATERIALS CORPORATION

(Full Name of Assignee)

a corporation of Delaware

(State or Country of Incorporation)

whose post office address is P.O. Box 977, State Fair Boulevard, Syracuse, New York 13201

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of BEAVER)
State of PA) ss.

Subscribed and sworn to before me this 20th day

of May 19 91

Margaret Hernandez Notary Public
Commission Expires 7/2/93

SEAL

County of BEAVER)
State of PA) ss.

Subscribed and sworn to before me this 20th day

of May 19 91

Margaret Hernandez Notary Public
Commission Expires 7/2/93

SEAL

County of _____)
State of _____) ss.

Subscribed and sworn to before me this _____ day

of _____ 19 _____

Notary Public

SEAL

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	
William Stasko	
ADDRESS	3400 Dogwood Place West Homestead, PA 15120
FIRST ASSIGNOR'S SIGNATURE	
<i>William Stasko</i>	
DATE	5/20/91

2. FULL NAME OF SECOND ASSIGNOR, IF ANY	
Kenneth E. Pinnow	
ADDRESS	131 Brood Lane Pittsburgh, PA 15237
SECOND ASSIGNOR'S SIGNATURE	
<i>Kenneth E. Pinnow</i>	
DATE	5/20/91

RECORDED
PATENT AND TRADEMARK OFFICE

MAY 22 91

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER • WASHINGTON, D.C.

FHFGD Form 101 2/90

PATENT

RECORDED: 02/28/2013

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