

11-08-2002

FORM PTO-1596  
1-31-92

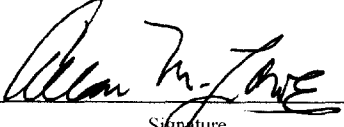
DOCKET NO. 1315-035

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of

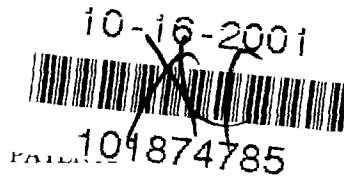
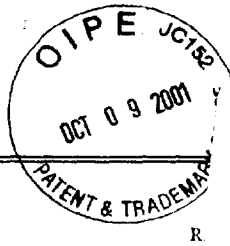
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and original documents or copy thereto:

<b>1. Name of conveying party(ies):</b> 1. <b>Byoung-Kee KIM</b> 2. <b>Gook-Hyun HA</b> 3. <b>Yong-Won WOO</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b> Name: <b>KOREA INSTITUTE OF MACHINERY AND MATERIALS</b>  Street Address: <b>171, Jang-dong, Yuseong-gu,</b> City: <b>Taejon-shi</b> Zip: <b>305-343</b> Country: <b>Republic of Korea</b>	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other - <i>Corrective Assignment: Third Assignor Name - Reel 012239, Frame 0574</i>		<b>Execution Date</b> <b>September 28, 2002 and September 29, 2002</b>	
<b>4. Application number(s) or patent number(s):</b>  If the document is being filed together with a new application, the execution date of the application is: <b>N/A</b> A. Patent Application No(s). <b>09/881,764 filed June 18, 2001</b> B. Patent No(s).  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <b>LOWE HAUPTMAN GILMAN &amp; BERNER</b> Internal Address:  Street Address: <b>1700 Diagonal Road, Suite 310</b> City: <b>Alexandria</b> State: <b>VA</b> Zip: <b>22314</b>		<b>6. Total number of applications and patents involved: <u>one</u></b>  <b>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></b> <input type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Credit Card payment form enclosed  <b>8. Deposit account number: 07-1337</b>	
<b>DO NOT USE THIS SPACE</b>			
<b>9. Signature.</b>  <div style="display: flex; justify-content: space-between;"><div><u>Allan M. Lowe, 19,641</u> Name of Person, Registration No.</div><div> Signature</div><div><u>November 5, 2002</u> Date</div></div> Total number of pages including cover sheet, attachment, and document: <b>6</b>			
CMB No. 0851-0011 (exp. 4/94)			

PATENT  
REEL: 013455 FRAME: 0967

B/O FORM PTO 1595 (1/31/92)



U.S. Department of Commerce  
Patent and Trademark Office

1315-035

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

1. Name of Conveying Party(ies):

Byoung-Kee Kim, Gook-Hyun Ha and Young-Won Woo

☐ Additional names of conveying parties attached

2. Name and Address of Receiving Party(ies):

Name: Korea Institute of Machinery and Materials

Internal Address:

Street Address: #171, Jang-dong, Yuseong-gu

City, State, Zip: Taejon-shi, 305-343, Rep. of Korea

☐ Additional name(s) and address(es) attached.

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: September 28 and 29, 2001, respectively

4. (a) Patent Application Number(s):

09/881,764

If this document is being filed together with a new application, the execution date of the application is:

☐ Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Allan M. Lowe

Address: LOWE HAUPTMAN GILMAN & BERNER, LLP  
1700 Diagonal Road  
Suite 310  
Alexandria, Virginia 22314

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: \$40.00  
(37 C.F.R. § 3.41)

- ☐ Enclosed.  
☒ Authorized to be charged to credit card.

8. Deposit Account Number:  
07-1337

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

October 9, 2001

Allan M. Lowe, Registration Number 19,641

Total number of pages comprising cover sheet: 1

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**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- 1) Byoung-Kee KIM
- 2) Gook-Hyun HA
- 3) Young-Won WOO

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

Korea Institute of Machinery and Materials

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD OF PRODUCTION WC/Co CEMENTED CARBIDE USING GRAIN GROWTH INHIBITOR

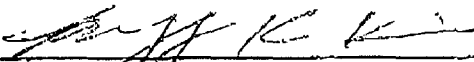
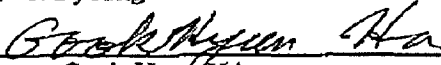
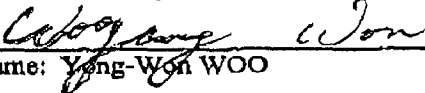
(a) for which an application for United States Letters Patent was filed on June 18, 2001  
\_\_\_\_\_, and identified by United States Serial No. 09/881,764 \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

- 1)   
Name: Byoung-Kee KIM
- 2)   
Name: Gook-Hyun HA
- 3)   
Name: Young-Won WOO

2001. 9. 28  
Date:

2001. 9. 28  
Date:

2001. 9. 29  
Date: