

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2835854

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MASAHIRO YANO	04/28/2014
TADAKAZU OHASHI	04/28/2014
YOSUKE MIYASHITA	04/28/2014
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14344217
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<b>ATTORNEY DOCKET NUMBER:</b>	06920/003659-US0
<b>NAME OF SUBMITTER:</b>	KAZUE KUBO FOR MCG
<b>SIGNATURE:</b>	/Kazue Kubo/
<b>DATE SIGNED:</b>	04/30/2014
<b>Total Attachments: 2</b>	
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source=Assign_3659#page2.tif	

ASSIGNMENT

I, (1) Masahiro YANO; (2) Tadakazu OHASHI ; and (3) Yosuke MIYASHITA of  
(1) - (3) c/o MITSUBISHI MATERIALS CORPORATION, Central Research Institute, 1002-  
14, Mukohyama, Naka-shi, Ibaraki 311-0102 Japan;

(hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the  
equivalent thereof, and other good and valuable consideration, the sufficiency of which and  
receipt of which are hereby acknowledged, paid to ASSIGNOR by

mitsubishi materials corporation

a Corporation having a place of business at 3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-  
8117 Japan (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its  
successors and assigns, the below indicated right, title, and interest, **throughout the world** in  
and to my Invention entitled:

CUTTING TOOL MADE OF CUBIC BORON NITRIDE-BASED SINTERED MATERIAL

invented by me and described in Patent Application indicated by the docket number and title  
above, in the United States of America; and all patents, divisions, reissues, continuations and  
any extensions thereof and rights of priority therein, said interest being my entire ownership  
interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or  
other legal representatives, to the full end of the term thereof, as fully and entirely as the same  
would have been held and enjoyed by me if this assignment and sale had not been made,  
including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said  
ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or  
representative, or the counsel or representative of its successors or assigns, shall advise that an  
amendment to, or a division of, or any other proceeding or action in connection with an  
application concerning said Invention, including interference proceedings, is lawful and  
desirable, or that a reissue or continuation or extension of such application or patent issuing  
therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and

affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: April 28, 2014  
(Day/Month/Year)

Masahiro Yano  
Masahiro YANO, Inventor

Dated: April 28, 2014  
(Day/Month/Year)

Tadakazu Ohashi  
Tadakazu OHASHI, Inventor

Dated: April 28, 2014  
(Day/Month/Year)

Yosuke Miyashita  
Yosuke MIYASHITA, Inventor