

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>Kouhei Tomita</td> <td>12/24/2008</td> </tr> <tr> <td>Michiyasu Nishiyama</td> <td>12/24/2008</td> </tr> <tr> <td>Akira Osada</td> <td>12/24/2008</td> </tr> <tr> <td>Eiji Nakamura</td> <td>12/24/2008</td> </tr> </tbody> </table> | | Name | Execution Date | Kouhei Tomita | 12/24/2008 | Michiyasu Nishiyama | 12/24/2008 | Akira Osada | 12/24/2008 | Eiji Nakamura | 12/24/2008 |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Mitsubishi Materials Corporation</td> </tr> <tr> <td>Street Address:</td> <td>5-1, Otemachi 1-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table> | | Name: | Mitsubishi Materials Corporation | Street Address: | 5-1, Otemachi 1-chome, Chiyoda-ku | City: | Tokyo | State/Country: | JAPAN | | |
| Name: | Mitsubishi Materials Corporation | | | | | | | | | | |
| Street Address: | 5-1, Otemachi 1-chome, Chiyoda-ku | | | | | | | | | | |
| City: | Tokyo | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12343987</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12343987 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12343987 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (212)527-7701</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-527-7700</p> <p>Email: mhasegawa@darbylaw.com</p> <p>Correspondent Name: Joseph R. Robinson</p> <p>Address Line 1: P.O. Box 770, Church Street Station</p> <p>Address Line 4: NEW YORK, NEW YORK 10008-0770</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 09852/0211157-US0 | | | | | | | | | | |
| NAME OF SUBMITTER: | Mami Hasegawa | | | | | | | | | | |
| <p>Total Attachments: 3</p> <p>source=assignment#page1.tif</p> <p>source=assignment#page2.tif</p> | | | | | | | | | | | |

CH \$40.00 12343987

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PATENT
REEL: 022616 FRAME: 0430

Attorney Docket No.: _____

ASSIGNMENT

I, Kouhei TOMITA, a citizen of Japan, residing at

Naka-gun ; JAPAN;

I, Michiyasu NISHIYAMA, a citizen of Japan, residing at

Naka-gun; JAPAN

I, Akira OSADA, a citizen of Japan, residing at

Naka-gun; JAPAN; and

I, Eiji NAKAMURA, a citizen of Japan, residing at

Naka-gun; JAPAN

and each of us, if more than one person is identified above (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 organized under the laws of Japan, located at 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, Japan (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **in and for the United States of America only** in and to my Invention entitled:

**SURFACE-COATED CUTTING TOOL WITH HARD COATING LAYER HAVING
EXCELLENT ABRASION RESISTANCE**

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and Patent Application No. _____, filed on _____, in Japan and all patents, divisions, reissues, continuations and any

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 be made;

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: December 24, 2008

Kouhei Tomita

Kouhei TOMITA, Inventor

Dated: December 24, 2008

Michiyasu Nishiyama

Michiyasu NISHIYAMA, Inventor

Dated: December 24, 2008

Akira Osada

Akira OSADA, Inventor

Dated: December 24, 2008

Eiji Nakamura

Eiji NAKAMURA, Inventor