


Form PTO-1595 (Rev. 07/05)  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies)</b> YUICHIRO NAKAMURA AKIRA HISANO  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: <u>NIPPON MINING &amp; METALS CO., LTD.</u> Internal Address: _____  Street Address: <u>10-1, TORANOMON 2-CHOME</u>  City: <u>MINATO-KU</u> State: <u>TOKYO</u> Country: <u>JAPAN</u> Zip: <u>105-0001</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>08/29/2006 AND 08/29/2006</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s)  <u>10/598,502</u>  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>HOWSON AND HOWSON</u> Internal Address: _____  Street Address: <u>SUITE 210, 501 OFFICE CENTER DRIVE</u>  City: <u>FT. WASHINGTON</u> State: <u>PA</u> Zip: <u>19034</u> Phone Number: <u>215-540-9216</u> Fax Number: <u>215-540-5818</u> Email Address: <u>WBAK@HOWSONANDHOWSON.COM</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> <u>40</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>9. Signature:</b> <u></u> <div style="text-align: center;">Signature</div> <div style="text-align: center;">WILLIAM BAK Name of Person Signing</div>	<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____  b. Deposit Account Number <u>08-3040</u> Authorized User Name _____  Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 5px;">3</span>

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

OGOSH60USA

**ASSIGNMENT**

WHEREAS, Yuichiro Nakamura and Akira Hisano, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled SPUTTERING TARGET WITH FEW SURFACE DEFECTS, AND SURFACE PROCESSING METHOD THEREOF, said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been signed by ASSIGNORS; and

WHEREAS, Nippon Mining & Metals Co., Ltd., a Japanese corporation engaged in business at 10-1, Toranomom 2-chome, Minato-ku, Tokyo, 105-0001 Japan, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE, THIS IS TO WITNESS, that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any and all application for Letters Patent and Letters Patent which may be issued therefor in the United States and in any and all foreign countries.

And ASSIGNORS hereby authorize and request the Commissioner of Patent and Trademarks to issue any and all Letters patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

And ASSIGNORS hereby authorize and direct its attorneys to insert, in the space provided below, the serial number and filing date of the aforesaid application for Letters Patent of the United States when the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, this Assignment has been executed by us on the dates accompanying our signatures.

Yuichiro Nakamura                      Aug. 29, 2006  
Yuichiro Nakamura                      (Date)

Akira Hisano                              Aug. 29, 2006  
Akira Hisano                              (Date)

Application for United States Letters patent Serial Number 10/598,502 ,  
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