

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Yousuke Kobayashi</td><td>12/23/2008</td></tr><tr><td>Atsushi Miki</td><td>12/23/2008</td></tr><tr><td>Keisuke Yamanishi</td><td>12/23/2008</td></tr></tbody></table>		Name	Execution Date	Yousuke Kobayashi	12/23/2008	Atsushi Miki	12/23/2008	Keisuke Yamanishi	12/23/2008				
Name	Execution Date												
Yousuke Kobayashi	12/23/2008												
Atsushi Miki	12/23/2008												
Keisuke Yamanishi	12/23/2008												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Nippon Mining & Metals Co., Ltd.</td></tr><tr><td>Street Address:</td><td>10-1, Toranomom 2-chome</td></tr><tr><td>Internal Address:</td><td>Minato-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>105-0001</td></tr></table>		Name:	Nippon Mining & Metals Co., Ltd.	Street Address:	10-1, Toranomom 2-chome	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-0001
Name:	Nippon Mining & Metals Co., Ltd.												
Street Address:	10-1, Toranomom 2-chome												
Internal Address:	Minato-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	105-0001												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13243187</td></tr></tbody></table>		Property Type	Number	Application Number:	13243187								
Property Type	Number												
Application Number:	13243187												
CORRESPONDENCE DATA													
Fax Number: (215)540-5818													
Phone: 215 540 9200													
Email: bhouwen@howsonandhowson.com,docketing@howsonandhowson.com													
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name: William Bak, Howson & Howson LLP													
Address Line 1: 501 Office Center Drive													
Address Line 2: Suite 210													
Address Line 4: Fort Washington, PENNSYLVANIA 19034													
ATTORNEY DOCKET NUMBER:	OGOSH104AUSA												
NAME OF SUBMITTER:	Bea Houwen												
Total Attachments: 2 source=13243187#page1.tif source=13243187#page2.tif													

CH \$40.00 13243187

501673087

PATENT
REEL: 026975 FRAME: 0492

ASSIGNMENT

WHEREAS, Yousuke Kobayashi, Atsushi Miki and Keisuke Yamanishi, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled "ROLLED COPPER OR COPPER ALLOY FOIL WITH ROUGHENED SURFACE AND METHOD OF ROUGHENING ROLLED COPPER OR COPPER ALLOY FOIL", 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 do 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 on the date accompanying my signature.

Yousuke Kobayashi December 22, 2008
Yousuke Kobayashi (Date)

Atsushi Miki December 23, 2008
Atsushi Miki (Date)

Keisuke Yamanishi December 23, 2008
Keisuke Yamanishi (Date)

Application for United States Letters patent Serial Number 12/303,899
filed 12/08/08

Howson & Howson LLP
HOWSON & HOWSON LLP