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<p>1. Name of conveying party(ies): Takaaki HATANO</p> <p>Execution Date(s): October 2, 2008</p> <p>Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): NIPPON MINING & METALS CO., LTD. 10-1, Toranomom 2-chome Minato-ku, Tokyo 105-0001 Japan</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other: _____</p>	<p>4. Application number(s) or patent number(s): A. Patent Application No.(s) 12/227,765</p> <p>B. Patent No.(s)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: HENRY BLANCO WHITE, ESQ. Drinker Biddle & Reath LLP One Logan Square 18th and Cherry Streets Philadelphia, PA 19103-6996 Phone Number: 215 988 3301 Fax Number: 215 988 2757 Email Address: henry.blancowhite@dbr.com</p> <p>Registration No. 47,350</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input type="checkbox"/> Enclosed (check #) <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account Number: 50-0573</p>
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<p>9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>HENRY BLANCO WHITE Name of Person Signing</p> <p><i>Henry Blanco White</i> Signature</p> <p>December 10, 2008 Date</p> <p>Total number of pages including cover sheet, attachments, and document: <u>2</u></p>	
<p>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, VA 22313-1450</p>	

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SOLE

A S S I G N M E N T

WHEREAS, I, Takaaki Hatano, a citizen of Japan residing at c/o Kurami Works, Nippon Mining & Metals Co., Ltd., 3, Kurami, Samukawamachi, Koza-gun, Kanagawa 253-0101, Japan, hereinafter generally referred to as "ASSIGNOR", have invented a certain new and useful improvements in

Cu-Zn ALLOY STRIP SUPERIOR IN THERMAL PEEL RESISTANCE
OF Sn PLATING AND Sn PLATING STRIP THEREOF

for which I have on October 2, 2008 executed an application for Letters Patent of the United States under 35 U.S.C. 371 resulting from the International Application No. PCT/JP2007/060838 filed on May 28, 2007, and

WHEREAS, Nippon Mining & Metals Co., Ltd., a Japanese Corporation having a place of business at 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-0001, Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

NOW, THEREFORE, in good and valuable consideration paid to me by said ASSIGNEE, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey, and by these presents do sell, assign, transfer and convey unto the above named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and for all foreign countries, and

in and to the above patent application and any and all United States Letters Patent which may be granted on said patent application and all United States and all foreign Letters Patent which may be granted on said invention including divisions, reissues, and continuations;

said invention, patent application and Letters Patent to be held and enjoyed by the above named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid considerations ASSIGNOR hereby covenants, agrees and undertakes to execute whenever requested by the above named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

Executed at Kanagawa

this 2nd day of

October, 2008.

 (L.S.)
Takaaki Hatano

**DrinkerBiddle&Reath**
L L P

One Logan Square
18th & Cherry Streets
Philadelphia, PA 19103-6996
■ 215-988-2700

FACSIMILE INFORMATION SHEET

TO: Assignment Division FROM: Henry Blanco White, Esq. DIRECT DIAL: 215-988-3301
DATE: December 10, 2008 DOCUMENT NAME: Assignment Recordation
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TRANSMISSION

I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, is being facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.

BY Leola P. BryantDATE: December 10, 2008