

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Gang HAN</td> <td>06/20/2009</td> </tr> <tr> <td>Shujiroh UESAKA</td> <td>06/20/2009</td> </tr> <tr> <td>Hiroshi TAKASHIMA</td> <td>06/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Gang HAN	06/20/2009	Shujiroh UESAKA	06/20/2009	Hiroshi TAKASHIMA	06/20/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>HITACHI METALS, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>2-1, Shibaura-1-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> </table>		Name:	HITACHI METALS, LTD.	Street Address:	2-1, Shibaura-1-chome	Internal Address:	Minato-Ku	City:	Tokyo	State/Country:	JAPAN
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (512)536-4598</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5124745201</p> <p>Email: rortiz@fulbright.com</p> <p>Correspondent Name: Michael R. Krawzsenek</p> <p>Address Line 1: 600 Congress Ave.</p> <p>Address Line 2: Suite 2400</p> <p>Address Line 4: Austin, TEXAS 78701</p>											
ATTORNEY DOCKET NUMBER:	BRKP:056US/ 10904114										
NAME OF SUBMITTER:	Michael R. Krawzsenek										
<p>Total Attachments: 2</p> <p>source=BRKP056US_ASSIGNMENT_HITASHI#page1.tif</p>											

OP \$40.00 12414214

**500905968**

**PATENT**  
**REEL: 022932 FRAME: 0281**



PATENT  
FILE NO. BRKP:056US

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:


SELL, ASSIGN AND TRANSFER to Hitachi Metals, Ltd. (the "Assignee"), having a place of business at 2-1, Shibaura-1-chome, Minato-Ku, Tokyo, Japan, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. **12/414,214** which has been filed on **March 30, 2009** and is entitled "**METHOD FOR PRODUCING TITANIUM METAL,**" which claims priority to United States Provisional Patent Application No. 61,041,051, filed March 31, 2008, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:  Date: June 20, 2009  
Name: Gang HAN

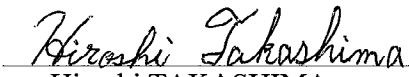
BEFORE ME, the undersigned authority, on this 20th day of June, 2009 personally appeared Gang HAN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

  
Witness

Signature:  Date: June 20, 2009  
Name: Shujiroh UESAKA

BEFORE ME, the undersigned authority, on this 20th day of June, 2009 personally appeared Shujiroh UESAKA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

  
Witness

Signature:  Date: June 20, 2009  
Name: Hiroshi TAKASHIMA

BEFORE ME, the undersigned authority, on this 20th day of June, 2009 personally appeared Hiroshi TAKASHIMA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

  
Witness

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701