

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naoyuki Sano</td> <td>11/25/2005</td> </tr> <tr> <td>Takayuki Nakatani</td> <td>11/25/2005</td> </tr> <tr> <td>Yoshihiko Kamada</td> <td>11/25/2005</td> </tr> </tbody> </table>		Name	Execution Date	Naoyuki Sano	11/25/2005	Takayuki Nakatani	11/25/2005	Yoshihiko Kamada	11/25/2005
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Naoyuki Sano	11/25/2005								
Takayuki Nakatani	11/25/2005								
Yoshihiko Kamada	11/25/2005								
RECEIVING PARTY DATA									
Name:	Sumitomo Metal Industries, Ltd.								
Street Address:	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi								
City:	Osaka								
State/Country:	JAPAN								
Postal Code:	541-0041								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11312498</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11312498				
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Application Number:	11312498								
CORRESPONDENCE DATA									
Fax Number:	(202)835-1755								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	12049-0031								
NAME OF SUBMITTER:	Christopher W. Brody								

OP \$40.00 11312498

Total Attachments: 2
 source=12049-31 Assignment#page1.tif

ASSIGNMENT

In consideration of the premises and other good and valuable consideration paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Naoyuki SANO

(2) Takayuki NAKATANI

(3) Yoshihiko KAMADA

who have made a certain new and useful invention, hereby sell, assign, and transfer unto

SUMITOMO METAL INDUSTRIES, LTD.

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C.100 in the invention entitled

NON-HEAT TREATED STEEL FOR SOFT-NITRIDING

(a) for which an application for United States Letters Patent was filed on _____
and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____
_____.

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, substitute, renewed, continuation, continuation-in-part, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

I(We) hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document;

Clark & Brody

SIGNED on the date(s) indicated aside my(our) signature(s):

INVENTORS

DATE SIGNED

1) *Naoyuki Sano*
Name: Naoyuki SANO

November 25, 2005

2) Takayuki Nakatani
Name: Takayuki NAKATANI

November 25, 2005

3) Yoshihiko Kamada
Name: Yoshihiko KAMADA

November 25, 2005