

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Junichi ITO	04/28/2010
Atsushi YABE	04/28/2010
Junnosuke SEKIGUCHI	04/28/2010
Toru IMORI	04/28/2010
RECEIVING PARTY DATA	
Name:	NIPPON MINING & METALS CO., LTD.
Street Address:	10-1, Toranomom 2-chome,
City:	Minato-ku, Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12734590
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	4700.P0370US
NAME OF SUBMITTER:	Terryence F. Chapman
Total Attachments: 1 source=Assignment#page1.tif	

CH \$40.00 12734590

ASSIGNMENT

United States (Sole or Joint)
(Excluding Foreign Rights)

WHEREAS, I/We, (1)Junichi ITO, (2)Atsushi YABE, (3)Junnosuke SEKIGUCHI and
(4)Toru IMORI

residing at (1)Kitaibaraki-shi, Ibaraki, Japan; (2) Kitaibaraki-shi, Ibaraki, Japan;
(3) Kitaibaraki-shi, Ibaraki, Japan and (4) Kitaibaraki-shi, Ibaraki, Japan

have invented certain new and useful improvements in
SUBSTRATE AND MANUFACTURING METHOD THEREFOR

for which an application for United States Letters patent was
signed by us on April 28, 2010.

WHEREAS, (1)NIPPON MINING & METALS CO., LTD.

having a place of business at (1)10-1, Toranomom 2-chome, Minato-ku, Tokyo, Japan

hereinafter called the "Assignee", is desirous of acquiring the entire
right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefor, in the United States and
its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00)
and other valuable considerations, the receipt whereof is hereby
acknowledged, I/we have sold, assigned and transferred, and by these
presents do sell, assign, transfer and confirm in and to said Assignee
my/our full and exclusive right to the said invention in the United
States and its territorial possessions and my/our entire right, title
and interest in and to said application and any and all Letters Patent
which may be granted therefor in the United States and its territorial
possessions and in and to any and all divisions, reissues, continuations
and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in
the United States to issue any and all of said Letters Patent, when
granted, to said Assignee for the sole use and behoof of the said
Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witnessed by:

Inventor(s):

Date:

Akihito Yokohata
AKIHITO YOKOHATA

Junichi Ito
Junichi ITO April 28, 2010
Atsushi Yabe
Atsushi YABE April 28, 2010
Junnosuke Sekiguchi
Junnosuke SEKIGUCHI April 28, 2010
Toru Imori
TORU IMORI April 28, 2010

PATENT