

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Masayuki Kawamoto</td> <td>08/26/2009</td> </tr> <tr> <td>Yuichi Tsukaguchi</td> <td>08/06/2009</td> </tr> <tr> <td>Masahito Hanao</td> <td>08/06/2009</td> </tr> <tr> <td>Atsushi Hirata</td> <td>08/10/2009</td> </tr> <tr> <td>Hiroshi Hayashi</td> <td>08/10/2009</td> </tr> <tr> <td>Manabu Adachi</td> <td>08/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	Masayuki Kawamoto	08/26/2009	Yuichi Tsukaguchi	08/06/2009	Masahito Hanao	08/06/2009	Atsushi Hirata	08/10/2009	Hiroshi Hayashi	08/10/2009	Manabu Adachi	08/11/2009
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CORRESPONDENCE DATA															
<p>Fax Number: (703)504-9415</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2028351111</p> <p>Email: tboyden@clarkbrody.com</p> <p>Correspondent Name: CLARK & BRODY</p> <p>Address Line 1: 1700 Diagonal Road, Suite 510</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>															
ATTORNEY DOCKET NUMBER:	12054-0121														
NAME OF SUBMITTER:	Christopher W. Brody														

OP \$40.00 12579495

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PATENT
REEL: 024608 FRAME: 0642

Total Attachments: 2

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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) Masayuki KAWAMOTO
(2) Yuichi TSUKAGUCHI
(3) Masahito HANAO

(4) Atsushi HIRATA
(5) Hiroshi HAYASHI
(6) Manabu ADACHI

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

CONTINUOUS CASTING MOLD AND CONTINUOUS CASTING METHOD OF ROUND BILLET

(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) 川本正幸
Name: Masayuki KAWAMOTO

26 / 08 / 2009

2) 塚口友一
Name: Yuichi TSUKAGUCHI

06 / 08 / 2009

3) 花尾方史
Name: Masahito HANAO

06. 08. 2009

4) 平田 敦嗣
Name: Atsushi HIRATA

10 / 08 / 2009

5) 林 浩史
Name: Hiroshi HAYASHI

10 / 08 / 2009

6) 足立 孝
Name: Manabu ADACHI

11 / 08 / 2009