

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Masaki IIJIMA	07/05/2011
Haruhito WATANABE	07/05/2011
RECEIVING PARTY DATA	
Name:	mitsubishi heavy industries, ltd.
Street Address:	16-5, KONAN 2-CHOME, MINATO-KU
City:	TOKYO
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13167216
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Total Attachments: 1 source=110700_ASSIGNMENT#page1.tif	

OP \$40.00 13167216

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PATENT
REEL: 026655 FRAME: 0953

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

**MITSUBISHI HEAVY INDUSTRIES, LTD.,
16-5, Konan 2-chome, Minato-ku, Tokyo 1088215, Japan**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**METHOD AND APPARATUS FOR DIRECT
REDUCTION IRONMAKING**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on June 23, 2011 Serial No. 13/167,216

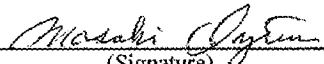
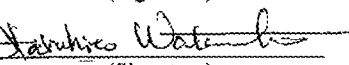
(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

(Signatures)

 (Signature)	Masaki IIJIMA (Type Name)	<u>July 5, 2011</u> (Date)
 (Signature)	Haruhito WATANABE (Type Name)	<u>July 5, 2011</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED