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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Makoto TAKAFUJI	11/29/2012

RECEIVING PARTY DATA

Name:	IHI Corporation	
Street Address:	1-1, Toyosu 3-chome, Koto-ku	
City:	Tokyo 135-8710	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13701592

CORRESPONDENCE DATA

Fax Number: 2123820888

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-382-0700

Email: lcheung@ostrolenk.com
Correspondent Name: Ostrolenk Faber LLP

Address Line 1: 1180 Avenue of the Americas Address Line 4: New York, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	P/2850-455 (V25304)
NAME OF SUBMITTER:	Robert C. Faber

Total Attachments: 1 source=01404586#page1.tif

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PATENT REEL: 029392 FRAME: 0046 PATENT APPLICATION ASSIGNMENT - SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

OUR FILE NO. P/2850-455 (V25304)

WHEREAS, I, <u>Makoto TAKAFUJI</u> as Assignor, have invented certain improvements in <u>GASIFICATION FURNACE RAW MATERIAL SUPPLYING APPARATUS</u> for which an application for United States Letters Patent has been executed by me (us) of even date herewith; and

WHEREAS, <u>IHI Corporation</u> a corporation organized under the laws of <u>Japan</u> and having a principal place of business at <u>I-1</u>, <u>Toyosu 3-chome</u>, <u>Koto-ku</u>, <u>Tokyo 135-8710 Japan</u>, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional. continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States, the expenses incident to said applications to be borne and paid by said assignee.

Date: November 29, 2012

Makoto Jakafuji

LEGALIZATION RECOMMENDED

(01382365.1)

PATENT REEL: 029392 FRAME: 0047

RECORDED: 12/03/2012