PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUHIKO KATSUMATA	06/13/2014
NOBORU KIYA	06/13/2014
NORIAKI NAGAI	06/13/2014
NOBORU HIRAMOTO	06/13/2014

RECEIVING PARTY DATA

Name:	IHI CORPORATION
Street Address:	1-1, TOYOSU 3-CHOME, KOTO-KU
City:	TOKYO 135-8710
State/Country:	JAPAN
Name:	IHI MACHINERY AND FURNACE CO., LTD.
Name: Street Address:	IHI MACHINERY AND FURNACE CO., LTD. 12-32, KONAN 2-CHOME, MINATO-KU
	·

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14305138

CORRESPONDENCE DATA

Fax Number: (212)382-0888

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 1: 1180 AVENUE OF THE AMERICAS Address Line 4: NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	P/2850-553
NAME OF SUBMITTER:	ROBERT C. FABER
SIGNATURE:	/robert c faber/
DATE SIGNED:	06/16/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

REEL: 033107 FRAME: 0695 502852561

Total Attachments: 2 source=01610221#page1.tif source=01610221#page2.tif

> PATENT REEL: 033107 FRAME: 0696

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND	Attorney Docket Number	P/2850-553	
	First Named Inventor	KAZUHIKO KATSUMATA	
ASSIGNMÈNT	Application Number	LEIE IF KNOWN	
	Filing Date		
VACUUM HEAT TREATMENT DEVIC	E		
(Title of As a below named inventor, I hereby declare that: This declaration is directed to:	the Invention)		
☑ The attached application,○R☑ United States application number or PCT Internation	nal application number		
The above-identified application was made or authorized I believe I am the original inventor or an original joint in I hereby acknowledge that any willful false statement me fine or imprisonment of not more than five (5) years, or both	ventor of a claimed invention ade in this declaration is puni	n in the application. shable under 18 U.S.C. 1001 by	
WHEREAS, (1) IHI Corporation; and (2) IHI Mach	inery and Furnace Co., Ltd	1.,	
having a place of business at (1) 1-1, Toyosu 3-chome, Koto-ku, Tokyo 135-8710 Japan; and (2) 12-32, Konan 2-			
chome, Minato-ku, Tokyo 108-0075 Japan,			
as assignee, is desirous of acquiring all right, title and intergranted therefor.	est in and to said invention a	nd any Patent that may be	
NOW, THEREFORE, in consideration of One Dollar (\$ which is hereby acknowledged, I (we), as inventor(s) and a entire right, title and interest for the United States in and to invention(s) disclosed and claimed in said aforesaid applications and patents applied for or grant infringement, and the Commissioner of Patents and Tradensaid invention(s) or resulting therefrom to said assignee he undersigned for myself (ourselves) and my (our) legal representatives all facts known to the undersigned respectives are other level proceedings in which any of the least proceedings in which any of the	s assignor(s), hereby sell, ass said aforesaid application for ation, all original, divisional, ed therefor in the United Statemarks is hereby authorized an rein, as assignee of the entire esentatives, heirs and assigns risional, continuation, reissue ee or its assigns, to communing said invention(s), whenever	sign and set over to said assignee the r Patent and all my (our) continuation, substitute, reissue or tes and all rights for past drequested to issue all patents on interest therein; and the do hereby agree and covenant and other applications for Patent on cate to said assignee or its er requested, to testify in any	
interferences or other legal proceedings in which any of sall lawful papers, make all rightful oaths, and to do generally and nominees to obtain patent protection for said invention applications to be borne and paid by said assignee.	everything necessary to assist	t assignee, its successors, assigns	
legal name of sole or first inventor Kazuhiko KATSUMATA	INVENTOR'S SIGNATURE	DATE	
RESIDENCE: CITY STATE		UMA A June 13, 2014 OUNTRY	
Kakamigahara-shi	J	apan	
MAILING ADDRESS c/o IHI Machinery and Furnace Co., Ltd., 12-32, Kon	an 2-chome, Minato-ku, T	okyo 108-0075 Japan	
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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT

Attorney Docket Number P/2850-553

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filled in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/OI) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE-PAT-7, System name: Patent Application files. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE-PAT-7 and Privacy Act system of COMMERCE-PAT-7.

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		I INVENTOR'S SIGNATURE		DATE		
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		nobora 7	recycles	June 13, 2014		
RESIDENCE: CITY	STATE		COUNTRY Japan	i		
Kakamigahara-shi			Japan			
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		noriaki nag	rai'	June 13, 2014		
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RESIDENCE: CITY	STATE		COUNTRY			
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LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		INVENTOR'S SIGNATURE		DATE		
DESCRIPTION AND ADDRESS OF THE PROPERTY OF THE	Lorane	<u></u>	COUNTRY			
RESIDENCE: CITY	STATE		COUNTRY			
MAILING ADDRESS	<u></u>		<u> </u>	<u>,,,,,,,, .</u>		
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		INVENTOR'S SIGNATURE		DATE		
RESIDENCE: CITY	STATE		COUNTRY			
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RECORDED: 06/16/2014