

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2822975

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE SECOND INVENTOR'S NAME previously recorded on Reel 032470 Frame 0981. Assignor(s) hereby confirms the CORRECT SPELLING OF THE SECOND INVENTOR'S NAME IS--YUTAKA KUDO--.

CONVEYING PARTY DATA

Name	Execution Date
RYOICHI ISOMURA	03/06/2014
YUTAKA KUDO	02/28/2014
TAKAHIRO SHIMOMURA	03/06/2014

RECEIVING PARTY DATA

Name:	Hitachi High-Technologies Corporation
Street Address:	24-14, Nishishimbashi 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14183645

CORRESPONDENCE DATA

Fax Number: (703)610-8686
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
Phone: 7036108652
Email: sdavis@milesstockbridge.com
Correspondent Name: MITCHELL W. SHAPIRO
Address Line 1: 1751 PINNACLE DRIVE, SUITE 500
Address Line 4: MCLEAN, VIRGINIA 22102-3833

ATTORNEY DOCKET NUMBER:	XA-12552/T6837-20425US01
NAME OF SUBMITTER:	SOPHIA L. DAVIS
SIGNATURE:	/Sophia L. Davis/
DATE SIGNED:	04/22/2014

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RYOICHI ISOMURA	03/06/2014
YUTAKA KUDA KUDO	02/28/2014
TAKAHIRO SHIMOMURA	03/06/2014
RECEIVING PARTY DATA	
Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION
Street Address:	24-14, NISHISHIMBASHI 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-8717
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14183645
CORRESPONDENCE DATA	
Fax Number:	(703)610-8686
Phone:	7036108652
Email:	sdavis@milesstockbridge.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	MITCHELL W. SHAPIRO
Address Line 1:	1751 PINNACLE DRIVE, SUITE 500
Address Line 4:	MCLEAN, VIRGINIA 22102-3833
ATTORNEY DOCKET NUMBER:	XA-12552/T6837-20425US01
NAME OF SUBMITTER:	SOPHIA L. DAVIS

PATENT

REEL: 032725 FRAME: 0109

Signature:	/Sophia L. Davis/
Date:	03/19/2014
Total Attachments: 1 source=XA-12552-Assignment#page1.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT2774567
Receipt Date:	03/19/2014

PATENT**REEL: 032725 FRAME: 0110**

ASSIGNMENT
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi High-Technologies Corporation, a corporation organized under the laws of Japan, located at 24-14, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 105-8717, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi High-Technologies Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

VACUUM PROCESSING APPARATUS AND OPERATING METHOD THEREOF

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith; and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi High-Technologies Corporation, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi High-Technologies Corporation.

Signed on the date(s) indicated beside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Ryoichi ISOMURA</u> <i>Ryoichi Isomura</i>	<u>3 / 6 / 2014</u>
2) <u>Yutaka KUDO</u> <i>Yutaka Kudo</i>	<u>2 / 28 / 2014</u>
3) <u>Takahiro SHIMOMURA</u> <i>Takahiro Shimomura</i>	<u>3 / 6 / 2014</u>
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____