503629618 12/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3676248

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUSUMU TAUCHI	12/04/2015
TAKASHI UEMURA	12/04/2015
KOHEI SATO	12/03/2015

RECEIVING PARTY DATA

Name:	HITACHI HIGH-TECHNOLOGIES CORPORATION
Street Address:	24-14, NISHI-SHIMBASHI 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29544068

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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.

Phone: 2026242500

Email: ggoodin@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: 1001 PENNSYLVANIA AVENUE, NW Address Line 4: WASHINGTON, D.C. 20004-2595

ATTORNEY DOCKET NUMBER:	108353.25921US	
NAME OF SUBMITTER:	RICHARD R. DIEFENDORF	
SIGNATURE:	/Richard R. Diefendorf, Reg. No. 32,390/	
DATE SIGNED:	12/30/2015	

Total Attachments: 1

source=25921US Assignment#page1.tif

PATENT 503629618 REEL: 037382 FRAME: 0159

ASSIGNMENT (酸羧配)

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 by Hitach High-Technologies Corporation, a corporation organized under the laws of Japan, located at 24-14, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo, Japan receipt of which is hereby acknowledged 1 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

UPPER CHAMBER FOR A PLASMA PROCESSING APPARATUS

Invented by me (if only one is named below) or us (if plurat 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 assignce;

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 aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Isumu Zauchi	17/4/2015
2) Tohashi Namura	12/4/2015
3) Kohei Seto	12/3/2015
4)	,
5)	
6)	
7)	*
8)	
9)	
10)	

PATENT REEL: 037382 FRAME: 0160

RECORDED: 12/30/2015