501953454 06/13/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jiro HIGASHIJIMA	06/08/2012

RECEIVING PARTY DATA

Name:	Tokyo Electron Limited	
Street Address:	3-1 Akasaka 5-chome, Minato-ku	
City:	Tokyo 107-6325	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13495111

CORRESPONDENCE DATA

Fax Number: (212)949-9190 Phone: 212 949 9022

Email: mwashburn@lawabel.com

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

via US Mail.

Correspondent Name: Abelman Frayne & Schwab/TEL

Address Line 1: 666 Third Avenue

Address Line 2: 10th Floor

Address Line 4: New York, NEW YORK 10017-5621

ATTORNEY DOCKET NUMBER: TEL-12015US/212224

NAME OF SUBMITTER: Charles S. Stein

Total Attachments: 1

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PATENT REEL: 028365 FRAME: 0482

501953454

UNITED STATES

ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor.

Jiro HIGASHIJIMA of c/o TOKYO ELECTRON KYUSHU LIMITED, 1-1 Fukuhara, Koshi City, Kumamoto 861-1116, Japan

hereby sells, assigns and transfers to Assignee:

TOKYO ELECTRON LIMITED, 3-1 Akasaka 5-chome, Minate-ku, Tokyo 107-6325, Japan

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

Application for Letters Patent which has been executed by the undersigned concurrently herewith and entitled

LIQUID PROCESSING APPARATUS AND LIQUID PROCESSING METHOD

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths, assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that he/she has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to others by the undersigned.

ASSIGNOR

By Jin Jefigashijima Jiro HIGASHIJIMA

> PATENT REEL: 028365 FRAME: 0483

RECORDED: 06/13/2012