## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4584505

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUSUMU YAMAUCHI	08/10/2017
JUN LIN	08/10/2017
KAZUAKI NISHIMURA	08/10/2017
TOSHIO HASEGAWA	08/10/2017

#### **RECEIVING PARTY DATA**

Name:	TOKYO ELECTRON LIMITED
Street Address:	3-1 AKASAKA 5-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	107-6325

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15698498

#### **CORRESPONDENCE DATA**

Fax Number: (408)938-9069

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: 408-938-9060

Email: officeaction@Mhbpatents.com

TELF C/O MURABITO HAO AND BARNES, LLP **Correspondent Name:** 

Address Line 1: TWO NORTH MARKET STREET

Address Line 2: THIRD FLOOR

Address Line 4: SAN JOSE, CALIFORNIA 95113

NAME OF SUBMITTER:  NING LI  SIGNATURE:  /Ning Li/  DATE SIGNED:  09/07/2017  This document serves as an Oath/Declaration (37 CFB 1.63).	ATTORNEY DOCKET NUMBER:	TELF-0121-02S01US
DATE SIGNED: 09/07/2017	NAME OF SUBMITTER:	NING LI
	SIGNATURE:	/Ning Li/
This document serves as an Oath/Declaration (37 CFB 1.63).	DATE SIGNED:	09/07/2017
ins assument solves as an earn postaration (or of 11 1100).		This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

**PATENT** REEL: 043527 FRAME: 0271

504537798

source=TELF-0121-02S01US\_PB705012\_Assignment\_Decl\_9-7-2017#page1.tif source=TELF-0121-02S01US\_PB705012\_Assignment\_Decl\_9-7-2017#page2.tif source=TELF-0121-02S01US\_PB705012\_Assignment\_Decl\_9-7-2017#page3.tif

PATENT REEL: 043527 FRAME: 0272

## ASSIGNMENT AND DECLARATION FOR PATENT APPLICATION

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, who have created a certain invention for which an application for United States Letters Patent is entitled:

### FILM FORMING METHOD AND FILM FORMING SYSTEM

as described and claimed in the specification identified by the above Attorney Docket No. do hereby sell, assign and transfer to TOKYO ELECTRON LIMITED, a corporation of Japan, having a place of business at 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that TOKYO ELECTRON LIMITED, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

This application was made or was authorized to be made by me.

I acknowledge the duty to disclose to the U. S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56,

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT International application(s) which

foreign	ted at least one country other than the United States, listed below and have also identified below any application for patent or inventor's certificate, or PCT International application, having a filing date
before:	that of the application on which priority is claimed.
	No such Applications have been filed.
X	Such Applications have been filed as follows:

PATENT Page 1 **REEL: 043527 FRAME: 0273** 

Atto	rney Docket No.:			
<u>Pri</u>	ior Foreign Application(s) Application Number	Country	Day/Month/Year Filed	Priority Claimed Yes No
	2016-176421	Japan	09/09/2016	
	eby claim the benefit under T cation(s) listed below.	Fitle 35, United States (	Code §119(e) of any United	States provisional
Ø	No such Applications have b	oeen filed.		
П	Such Applications have been	n filed as follows:		
<u>1</u>	Provisional Application(s) Application Number	<u>Prior</u>	ity Claimed Under 35 USC 119 Day/Month/Year Filed	(c)
below Unite ackno define	eby claim the benefit under Titles and, insofar as the subject may and, insofar as the subject may be states application in the mannowledge the duty to disclose to led in Title 37, Code of Federal cation(s) and the national or PC1	atter of each of the claim ner provided by the first p the Office all information al Regulations, §1.56 whi	is of this application is not dis paragraph of Title 35, United S on known to me to be material ich occurred between the filin	closed in the prior tates Code, §112, I to patentability as
$\boxtimes$	No such Applications have b	oeen filed.		
	Such Applications have been	n filed as follows:		
	Application Serial No.	Filing Date	Status (Patented, Pe	ending, Abandoned)
made to be like s States issue	eby declare that I have reviewe therein of my own knowledge a true; and further that these state so made are punishable by fine as Code and that such willful fal d thereon.	are true and that all staten ements were made with the or imprisonment, or bot	nents made on information and he knowledge that willful false th, under Section 1001 of Titl	belief are believed statements and the e 18 of the United
	Name of Sole/First Inventor:			
1	umu YAMAUCHI			. 2002
Inve	entor's Signature;	dille	Date: Month/Day/Ye	
	entor's Signature;    W Jawayay	ow	August 10, 2	017
1	rucines. /			•• •
	nanashi, Japan		₹-93° - 3	
	zenship:			
Jap	an			,

c/o Tokyo Electron Yamanashi Limited, 650 Mitsuzawa, Hosaka-cho, Nirasaki City, Yamanashi 407-0192

Customer No. 36872

Post Office Address:

PATENT Page 2
REEL: 043527 FRAME: 0274

# Attorney Docket No.:

Date: Month/Day/Year
August 10, 2017
W.W.
3.8
wa, Hosaka-cho, Nirasaki City, Yamanashi 407-0192

Full Name of Third Inventor:	
Kazuaki NISHIMURA	
Inventor's Signature: Kapuoki Nishimura	Date: Month/Day/Year August 10, 2017
Residence:	
Yamanashi, Japan	
Citizenship:	***************************************
Japan	
Post Office Address:	
c/o Tokyo Electron Yamanashi Limited, 650 Mitsuzawa Japan	Hosaka-cho, Nirasaki City, Yamanashi 407-0192

ust 10, 2017
<u> </u>

Customer No. 36872

PATENT

RECORDED: 09/07/2017 REEL: 043527 FRAME: 0275