PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
Akinobu KAKIMOTO	11/02/2011	
Katsuhiko KOMORI	11/02/2011	
Kazuhide HASEBE	10/31/2011	

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	perty Type Number	
Application Number:	13283869	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: BPL0124US

NAME OF SUBMITTER: Jaegyoo Jang

TAME OF SOBMITTER.

Total Attachments: 2

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OP \$40,00 1:

PATENT REEL: 027229 FRAME: 0021

ASSIGNMENT

WHEREAS We,

Akinobu KAKIMOTO of c/o TOKYO ELECTRON TOHOKU LIMITED, 650 Mitsuzawa, Hosaka-cho, Nirasaki City, Yamanashi 407-0192, Japan,

Katsuhiko KOMORI of c/o TOKYO ELECTRON TOHOKU LIMITED, 650 Mitsuzawa, Hosaka-cho, Nirasaki City, Yamanashi 407-0192, Japan and

Kazuhide HASEBE of c/o TOKYO ELECTRON TOHOKU LIMITED, 650 Mitsuzawa, Hosaka-cho, Nirasaki City, Yamanashi 407-0192, Japan, (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

FILM FORMATION APPARATUS

which claims priority to Japanese Patent Application No. 2010-243130, filed on October 29, 2010, and Japanese Patent Application No. 2011-207962, filed on September 22, 2011, for which We are about to file an application for Letters Patent of the U nited States;

AND WHEREAS, **TOKYO ELECTRON LIMITED** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan, having a place of business at **Address: 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan**, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that

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the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:	02	Nou,	2011	Sknoby	\mathcal{K}_{n}
Date	- *				, 14

Akinobu KAKIMOTO

Katsuhiko KOMORI

Date: 02 Nov. 2011 Katruhiko Komori

Kazuhide Gasebe

Kazuhide HASEBE

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