PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tokyo Electron Device Limited	05/23/2007

RECEIVING PARTY DATA

Name:	Tokyo Electron Limited	
Street Address:	3-6, Akasaka 5-chome	
Internal Address:	Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	107-8481	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	10477374
Application Number:	10500179

CORRESPONDENCE DATA

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Total Attachments: 1

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PATENT REEL: 019377 FRAME: 0227

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PATENT ASSIGNMENT

WHEREAS, TOKYO ELECTRON DEVICE LIMITED, a Japanese corporation, having its principal offices at 1 Higashikata-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0045, Japan (the "Assignor"), is the owner of the U.S. Patent Application Nos. 10/477,374 and 10/500,197; and

WHEREAS, TOKYO ELECTRON LIMITED, a Japanese corporation, having its principal offices at 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 107-8481 (the "Assignee"), is desirous of acquiring said patents;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby assign to Assignee all rights, title and interest in and to the above listed patents, together with the goodwill associated with said patents, and the inventions disclosed and claimed therein.

IN WITNESS WHEREOF, Assignor, by its duly authorized officer, has executed this assignment as of this <u>231d</u> day of <u>May</u>, 2007.

TOKYO ELECTRON DEVICE LIMITED

Printed Name: Toshiaki SUNAGAWA

Title: President & Representative Director

DALDMS/608170.1

RECORDED: 06/04/2007

REEL: 019377 FRAME: 0228