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28458

Attorney:

Reg. No.

Atty/Sec: GJP/nlh

(do not file dup. Cover sheet)

December 29, 1999

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ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Intellectual Property Dept., TOKYO ELECTRON LIMITED, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

THICKNESS MEASURING APPARATUS. SUBSTRATE PROCESSING METHOD, AND SUBSTRATE PROCESSING APPARATUS

said application having been filed on and assigned Serial No.; sell and assign to TOKYO ELECTRON LIMITED a corporation of Japan, having a business address at 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- X executed concurrently herewith;
- executed separately herefrom;

and in and to all applications for patent and patents for said invention. in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents. to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration. but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

The Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, LLP, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918

PATENT REEL: 010491 FRAME: 0777

ASSIGNMENT

Inventor: (Signature)	Date	Residence
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Yoshinori Marumo		
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