FORM PTO-1595 08-18-2004 RECORDATIO Department of Commerce nt and Trademark Office 1-31-92 rney Docket No. 04329.3320 rney Customer Number: 22,852 To the Honorable Commissioner of Patents and Trad Please record the attached original documents or co SSIGNMENTS RECORDATION 102816942 2. Name and address of receiving party(ies): Name of conveying party(ies): Masamitsu ITOH KABUSHIKI KAISHA TOSHIBA Name: Yes 🛛 No Internal Address: Additional name(s) of conveying pa 3. Street Address: 1-1, Shibaura 1-chome, Minato-ku, Nature of conveyance: Tokyo 105-8001, Japan \boxtimes Assignment Merger City: Zip Code: Change of Name State: Security Agreement Other: Additional name(s) & Address(es) attached? June 24, 2004 **Execution Date:** ⊠ No ☐ Yes Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: A. Patent Application Number(s): B. Patent Number(s): 10/853,532 Additional numbers attached? ☐ Yes ⊠ No Total number of applications and registrations Name and address of party to whom correspondence 6. 5. involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Mr. Ernest F. Chapman Name: Enclosed (Please charge deficiency to deposit \boxtimes account) Authorized to be charged to deposit account П Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. 1300 I Street, N.W. Street Address: City: Washington, D.C. 20005-3315 8. Deposit Account No.: 06-0916 State: Zip: 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. August 13, 2004 Richard V. Burgujian Reg. No. 31,744 Date Total number of pages including cover sheet, attachments and documents: 3 08/17/2004 ECOOPER 00000142 10853532

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40.00 DP

PATENT REEL: 015679 FRAME: 0223 In consideration of value received, I, having a residence as stated below above 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:

EXPOSURE MASK SUBSTRATE MANUFACTURING METHOD, EXPOSURE MASK MANUFACTURING METHOD, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

sell and assign to KABUSHIKI KAISHA TOSHIBA a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, 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 United States patent application:

(check one)	[X]	executed concurr				
	[]	executed on		;		
	[x]	Application No.	10/853,532	, filed	May 26,	2004

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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 invention.

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.

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C. 20005-3315

PATENT REEL: 015679 FRAME: 0224

ASSIGNMENT

(04S0094-1)

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JUN. 24.2004

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After recording, please return to: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 1300 I Street, N.W., Washington, D.C. 20005-3315

RECORDED: 08/13/2004

PATENT REEL: 015679 FRAME: 0225