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06-27-2007



U.S. Department of Commerce

Patent and Trademark Office Attorney Docket No. 04329.4146 Attorney Customer Number: 22,852

To the [Director of the U.S. Patents and Tr 103420484	1		original documents or copy thereof.			
1.	Name of conveying party(les):JUN 2 2 2007	2.		Name and address of receiving party(ies):			
	Koji HASHIMOTO	Na	me:	KABUSHIKI KAISHA TOSHIBA			
Addition	nal name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Inte	ernal	Address:			
3.	Nature of conveyance/Execution Date(s):	Str	eet A	ddress: 1-1, Shibaura 1-chome, Minato-ku,			
_	Execution Date(s): March 28, 2007	-		Tokyo 105-8001, Japan			
\boxtimes	Assignment	City	y :				
	Security Agreement	Sta	te:	Zip Code:			
	Joint Research Agreement						
	Government Interest Assignment						
	Executive Order 9424, Confirmatory License	Additional name(s) & Address(es) attached?					
	Other			☐ Yes			
4.	Application number(s) or patent number(s):						
	L	J Ihi:	s doc	cument is being filed together with a new application.			
A.	Patent Application Number(s): 11/727,537	В.		Patent Number(s):			
	Additional numbers attached?	□ \	'es	⊠ No			
5.	Name and address of to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved: 1					
Name:	Mr. Ernest F. Chapman	7.		Total fee (37 CFR 3.41): \$40			
				Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed (Please charge deficiency to deposit account) None required (government interest not affecting title)			
Internal	Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	8.		Payment Information			
Street A				a. Credit Card Last 4 Numbers Expiration Date			
City:	Washington, D.C.			b. Deposit Account No.: 06-0916			
State:	Zip: 20001-4413			Authorized User Name			
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.							
	Richard V. Burgujian	4		June 22, 2007			
	Reg. No. 31,744	ture	1	, Date			
Total number of pages including cover sheet, attachments and documents: 3							
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450							

06/26/2007 DBYRNE 00000103 11727537 01 FC:8021

ASSIGNMENT

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:

MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

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 concurrently herewith	
	[]	executed on	;
	[]	Application No.	, filed

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., 901 New York Avenue, NW Washington, D.C. 20001-4413

PATENT REEL: 019497 FRAME: 0924

ASSIGNMENT

APG043699-USA-A (06S1852)

[1st Inventor]

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Citizenship: Japan

Moji Hashimoto

Mar. 28, 2007

Date:

PATENT REEL: 019497 FRAME: 0925

RECORDED: 06/22/2007