FORM PTO-1594 1-31-92

RECO



101660578

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 03180.0275 CUSTOMER NUMBER: 22,852

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.	ATTN. BOX ASSIGNMENTS		
Name of conveying party:	2. Name and address of receiving party(ies):		
1. Eiichi HOSOMI 3/26/0/	1617		
	Name: Kabushiki Kaisha Toshiba		
Additional name(s) of conveying party(ies) attached? □ Yes ☒ No	Internal Address:		
3. Nature of conveyance:	Street Address: 72 Horikawa-cho, Saiwai-ku, Kanagawa-ken, JAPAN		
	City:		
Assignment Merger	State: Zip Code:		
Security Agreement □ Change of Name			
	03/28/2001 BABRAHA1 00000006 09816170		
Other	04 FC:581 40.00 GP		
	Additional name(s) & Address(es) attached?		
Execution Date: March 19, 2001	□ Yes ⊠ No		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: March 19, 2001			
A. Patent Application Number(s): B. Patent Number(s): 09816170			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved:		
Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40		
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	Enclosed (Please charge deficiency to deposit account)		
	Authorized to be charged to deposit account		
Street Address: 1300 I Street, N.W.			
City: Washington	8. Deposit account number: <u>06-0916</u>		
State: DC Zip: 20005-3315			
 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	March 26, 2001		
Reg. No. 31,744 Sign	ature Date		

Total number of pages including cover sheet, attachments and documents:

PATENT REEL: 011660 FRAME: 0468

SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: SEMICONDUCTOR DEVICE INCLUDING MEMORY UNIT AND SEMICONDUCTOR MODULE INCLUDING MEMORY UNITS

AND SEMICONDUCTOR MODULE INCLUD	ING MEMORY UNITS	
For which I/WE executed an application nerewith or on,	or filed an application for Ur	nited States Letters
WHEREAS, KABUSHIKI KAISHA corporation of Japan address is 72 Horikawa-cho, Saiwai (hereinafter referred to as Assignee),	-ku,Kawasaki-shi,Kanagawa	
interest in and to this invention, the invention and the Letters Patent to be	e application for United States	Letters Patent on this
NOW THEREFORE, be it known that, which from assignee is hereby acknowled transferred, and set over, and do here assignee, its lawful successors and assand to this invention and this applicate and all Letters Patent of the United States to issue all Letters of the United States to issue all Letters cessors and assigns, in accordance with	edged, I/WE, as assignor(s), had been sell, assign, transfer, and assigns, my/our entire right, to ation, and all divisions, and obstates which may be granted the direquest the Commissioner of I ters Patent for this invention	eve sold, assigned, a set over unto the tile, and interest in continuations thereof, ereon, and all reissues eatents and Trademarks to assignee, its suc-
consideration, communicate with assignme/us respecting this invention and to when called upon to do so, execute and desirable to perfect the title to this assigns, execute all divisional, controlled and generally do everything possible and enforce proper patent protecting understood that any expense incompty the assignee, its successors and assignee.	estify in any legal proceeding, deliver all papers that may he invention in said assignee, in inuation, and reissue applications to aid assignee, its sucception for this invention in the ident to the execution of such	sign all lawful papers be necessary or ts successors and lons, make all rightful cessors and assigns, to he United States, it
AND, I/WE HEREBY authorize and a Declaration and Power of Attorney in (Application No, filed _application number of said application	this application, to insert her	re in parentheses
IN TESTIMONY WHEREOF, I/We have b 1. Full Name of Sole or First Assignor Eiichi HOSOMI		: Date : March 19,2001
Address Kanagawa-ken,Japan	: Surviv /gorona	: Citizenship : Japan
2. Full Name of Second Assignor	: Assignor's Signature	: Date :
Address		: Citizenship
3. Full Name of Third Assignor	: Assignor's Signature :	: Date
Address		: Citizenship

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. . WASHINGTON, D.C.

RECORDED: 03/26/2001

PATENT REEL: 011660 FRAME: 0469