Form PTO-1595 **RECORDATION FO**

02-10-2003 102362368

U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 024016-00050 Date: February 3, 2003



To the Assistant Commissioner of Patents

Please record the attached original documents or copy thereof					
1. Name of conveying parties	Name and address of receiving party:				
Seiji YAMAMOTO, Hirosuke KOUMYOJI, Tohru YASUDA, Mikio ISHIKAWA, Isaya SOBUE, Hajime SATO, Chiaki FURUKAWA, Akira SUGIURA, and Akihiro IWASE Additional name(s) of conveying party(ies) attached? Yes No	Name: FUJITSU LIMITED Address: 1-1, KAMIKODANAKA 4-CHOME, NAKAHARA-KU KAWASAKI-SHI, KANAGAWA 211-8588 JAPAN Additional name(s) & address(es) attached?				
७२.०३.०३	☐ Yes				
3. Nature of conveyance:					
Other Execution Date: 1, 2, 5, 6, 7, 8, 9 November 21, 2002 4 , November 25, 2002 & 3 , November 27, 2002					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execu 2002 4, November 25, 2002 & 3, November 27, 2002	ition date of the application is: 1, 2, 5, 6, 7, 8, 9 November 21.				
A. Patent Application No.(s)	B. Patent No.(s)				
	10356489				
Additional numbers attached? \(\square\) Y					
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: One				
Name: Arent Fox Kintner Plotkin & Kahn PLLC	7. Total fee (37 CFR 3.41) \$ 40.00				
Street Address: 1050 Connecticut Avenue, N.W., Suite 400	☑ Included in attached check.				
Washington, D.C. 20036-5339	 Any additional fees are authorized to be charged to deposit account 				
V 3000 DTESSEMI 00000000 10306487 UN8081 46.00 DF	Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and an attached copy is a true copy of the original document.					
Charles M. Marmelstein February 3, 2003					
Name of Person Signing Reg. No. 25,895 Total number of pages including cover sheet, attachments, and document: 3					
CMM/jch	mail and a second second accommond, and documents of				

PATENT

REEL: 013729 FRAME: 0047

ARENT	FOX	KINTNER	PLOTKIN &	KAHN.	PLLC
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by [Insert FUJITSU LIMITED, ASSIGNEE's 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan Name(s) Address(es)] (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled Title of SEMICONDUCTOR DEVICE AND TEST METHOD FOR THE SAME Invention] for which application for Letters Patent of the United States was executed on even date herewith unless [*If the assignment otherwise indicated below: is being filed after the filing of the application, this *filed on , Serial No. section must be completed] (Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). [Signature(s) Seiji YAMAMOTO of Assignor(s)] (TYPE NAME) Hirosuke KOUMYOJI (TYPE NAME) Tohru YASUDA (TYPE NAME) Mikio ISHIKAWA (TYPE NAME) Isaya SOBUE (TYPE NAME) Hajime SATO

(TYPE NAME)

PATENT REEL: 013729 FRAME: 0048

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by						
[Insert ASSIGNEE's Name(s)	FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan					
Address(es)]						
	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled					
[Title of Invention]	SEMICONDUCTOR DEVICE AND TEST METHOD FOR THE SAME					
[*If the assignment is being filed after the filing of the	for which application for Letters otherwise indicated below:	Patent of the United States was exe	cuted on even date herewith unless			
application, this	*filed on	, Serial No.				
section must be completed]	(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)					
	and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.					
	The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.					
	The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.					
	IN WITNESS WHEREOF, the un	ndersigned inventor(s) has (have) aft	fixed his/her/their signature(s).			
[Signature(s)	Chiaki Furukawa	Chiaki FURUKAWA	Nev. 2/, 2002 (DATE)			
of Assignor(s)]	(SIGNATURE)	(TYPE NAME)	(DATE)			
	Akira Sngjura (SIGNATURE) Akihiro Iwase	Akira SUGIURA (TYPE NAME)	(DATE)			
	Akihira Tuasia	Akihiro IWASE	Nov 11 1002			
	(SIGNATURE)	(TYPE NAME)	Nov. 21 , 2002 (DATE) Nov. 21 , 2002 (DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATUDE)	(TYPE NAME)	(DATE)			

RECORDED: 02/03/2003

PATENT REEL: 013729 FRAME: 0049