10-20-2000

Substitute Form PTO-1595 Attorney Docket No.: 10417-049001 Client's Ref. No.: F51-124046M/HW

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 Name of conveying party(is 	es):	Name and address of receiving party(ies):	5						
Noriaki Sakamoto, Yoshiyuki KobayashI, Junji Sakamoto, Shigeaki Mashimo, Katsumi Okawa, Eiju Maehara and Kouji Takahashi		SANYO ELECTRIC CO., LTD. 2-2-5, Keihanhondori, Moriguchi-shi, Osaka, Japan							
Additional name(s) attached? □ Yes ☒ No		ט ט						
3. Nature of conveyance:									
☑ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:									
Execution Date: 09/26/2	2000	Additional names/addresses attached?	′es 図 No 						
4. Application number(s) or p		3/678/ND							
If this document is being	filed with a new application, the ex	xecution date of the application is: 09/26/2000							
A. Patent Application No(s).:		B: Patent No(s).:							
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5. Name/address of party to whom correspondence concerning document should be mailed: CHRIS T. MIZUMOTO Fish & Richardson P.C. 45 Rockefeller Plaza, Suite 2800		6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 Enclosed Authorized to charge Deposit Account.							
					New York, NY 1011		8. Deposit Account No.: 06-1050		
							Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.		
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Chris T. Mizumoto	\mathcal{N}	$\gamma(C)_{i}$							
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PATENT REEL: 011162 FRAME: 0405

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Assignment

譲渡

ここにその受損と充足性が確認された甚良で価値ある 配慮の故に、文末に署名した者は、

sufficiency of which are hereby acknowledged, the undersigned hereby assign(s) over to:

For good and valuable consideration, the receipt and

SANYO ELECTRIC CO., LTD.

(住所)

Having the address:

2-5-5, Keihanhondori, Moriquchi-shi, Osaka, Japan

(以下「譲渡人」と呼ぶ)と、その承継人および諡受人。 に対して、

(発明の名称)

(hereinafter designated as the "ASSIGNEE"), its sucest for the United States in the invention, and all

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A SEMICONDUCTOR DEVICE

Attorney Docket no.:

for the which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

シリアル・ナンバー

登録年月日:

Serial No.

Filing Date:

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PATENT **REEL: 011162 FRAME: 0406**

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- 1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-nmaed application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwiese secure the title thereto to the ASSIGNEE.
- 2. The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.
- 3. The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.
- 4. The undersigned hereby authorize(s) and request(s) teh Commissioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.
- 5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States patent and Trademark Office for recordation of this document.

Page 2 of 3

以上を確認のうえで、下記の者が下記の氏名に並んで記		IN WITNESS THEREBY, executed by the undersigned		
された日に名	- 自、署名して本書を発効させるものである。	on the date(s) o	opposite the undersigned Name(s)	
		September 26, 2000	noriche Sakumoto	
年月日	氏名(楷書):	Date	Typed Name	
		September 26, 2000	Noriaki SAKAMOTO Moshiyahi Kalayashi.	
年月日	氏名(楷書):	Date	Typed Name	
年月日	氏名(描書):	September 26, 2000 Date	Yoshiyuki KOBAYASHI Typed Name	
+		Date		
		September 26, 2000	Junji SAKAMOTO Shugeake machemo	
年月日	氏名(楷書):	Date	Typed Name	
		Contombox	Shigeaki MASHIMO	
		September 26, 2000	Katsurai Okawa	
年月日	氏名(描書):	Date	Typed Name	
			Katsumi OKAWA	
		September 26, 2000	Eiju Machanan	
年月日	氏名(楷善):	Date	Typed Name Eiju MAEHARA	
		September 26, 2000	KOUJI TAKAHASHI	
		Date	Typed Name	
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以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、著名して本書を発効させるものである。		This assignment may be signed before a U.S. notary Public or before at least two witnesses who also sign here:		
年月日	氏名(楷書):	Date	Typed Name	
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1771		Date	IANGH Maine	

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RECORDED: 10/03/2000

PATENT REEL: 011162 FRAME: 0408