

102415357

ORDATION FORM COVER SHEET 7 PATENTS ONLY

Substitute Form PTO-1595 Attorney Docket No.: 14699-007001 Client's Ref. No.: F1020534US00

	Please record the attached original do	ocument(s) or copy(ies).	Total Total		
1. Name of conveying party		Name and address of receiving party(ies):			
	oshiyuki Ohkoda and Takao	Sanyo Electric Co., Ltd. 5-5, Keihan-Hondori 2-chome,	ā		
Additional nam	ne(s) attached? ☐ Yes 図 No	Moriguchi-shi, Osaka 570-8677	THE TANK		
3. Nature of conveyance:		Japan	Management 1 M		
☑ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:			3 8		
Execution Date: 12/24 12/27/2002	4/2002; 12/27/2002;	Additional names/addresses attached? ☐ Yes 図 No			
4. Application number(s) or	patent number(s):				
If this document is bein	ig filed with a new application, the exec	cution date of the application is:			
A. Patent Application No(s).:		B: Patent No(s).:			
10/329,643					
	Additional numb	ers attached? □ Yes ເ No			
5. Name/address of party to document should be mail	o whom correspondence concerning led:	6. Total number of applications/patents involve	6. Total number of applications/patents involved: 1		
CHRIS T. MIZUMO	ото	7. Total fee (37 CFR §3.41): \$40	7. Total fee (37 CFR §3.41): \$40		
Fish & Richardson 45 Rockefeller Plaz		■ Enclosed □ Authorized to charge Deposit Account.			
New York, New Yo					
,		8. Deposit Account No.: 06-1050 Please apply any additional charges, or an	y credits, to ou		
red to the control of		Deposit Account No. 06-1050.			
any attached copy is a	: To the best of my knowledge a true copy of the original docu	and belief, the foregoing information is true ment.	e and correc		
any attached copy is a Chris T. Mizumoto Reg. No. 42,899	a true copy of the original docu	ment.	e and correc		
any attached copy is a Chris T. Mizumoto Reg. No. 42,899					
any attached copy is a Chris T. Mizumoto	a true copy of the original docu	ment.	Apr		
any attached copy is a Chris T. Mizumoto Reg. No. 42,899	Signature Signature Signature 1 hereby certify under 37 CFR §1.8(a)	Date Total number of pages including coversheet, attachr FIRST CLASS MAIL that this correspondence is being deposited with the United	Apriments and doci		
any attached copy is a Chris T. Mizumoto Reg. No. 42,899 Name of Person Signing 30,42058.doc 03, TDIAZ1 00000172 103	Signature Signature Signature 1 hereby certify under 37 CFR §1.8(a)	Date Total number of pages including coversheet, attachr FIRST CLASS MAIL	Apriments and doci		

PATENT REEL: 013929 FRAME: 0165

FISH & RICHARDSON P.C.

Assignment

譲渡

ここにその受領と充足性が確認された善良で価値ある配 慮の故に、文末に署名した者は、 For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s) over to:

Sanyo Electric Co., Ltd.

住所

Having the address: 5-5 keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677, Japan

(以下「譲渡人」と呼ぶ)と、その継承人および譲受人に対して、

(発明の名称)

弁護士要録番号:

という名称で知られ以下に署名したものが以下に記した 目にアメリカ合衆国特許を申請した発明のアメリカ合衆 国におけるすべての権利、権原および利権、ならびにそ の発明に対しておこなわれるすべての特許申請とそれら によって得られる特許状ならびにそれらの分割、再申 請、継続および延長を譲渡するものであり、さらにその 利権は、当該特許状が譲受人、継承人、さらに譲受人ら または彼らの法的代理人に与えられたときに、当該特許 状の全所有権をこの譲渡が行われなかった場合に譲渡 に当該特許状が与えられることにより譲渡人が受けたで あるう期間の最後の日まで完全無欠に授けられるものと する。この書状が、申請と同時に登録されない場合に は、以下の認識情報が執行後に追加されるものとする。

シリアル・ナンバー: 登録年月日:

1. 文末に署名した者は上記の申請、またはその継続出願、一部継続出願、さしかえ出願、分割出願、更新出願、再審査出願、または再発行出願、またはあらゆる修正、抵触審査手続きの延長、又はその他権原を譲受人が確保するために必要なあらゆる文書を署名、執行することに同意する。

(hereinafter designed as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may granted thereof, including said application, and all United States Letters Patents which may be granted thereof, and all divisions, reissues, continuations, and extensions thereof, the said interesting being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns, or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been enjoyed by assignor(s) if this assignment had not been made, the application being known by the title:

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

Attorney Docket No.:

for 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:

Serial No.: Filing Date:

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-named 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 or interference proceedings, or otherwise secure the title thereto to the ASSIGNEE.

Fish & Richardson P.C.

Assignment

- 2. 文末に署名した者は、工業所有権の保護に関する国際条約又は同様な条約のクレームまたは条項に関連して必要となるすべてに文書を署名、執行し、必要な行為を行うことに同意する。
- 3. 文末に署名した者は譲受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。
- 4. 文末に署名した者は、アメリカ合衆国の特許庁長官に対して、当該特許申請またはそれに基づくすべての分割、継続申請から生じるすべての特許状を当該譲受人に発行するように、請願する。
- 5. 文末に署名した者は、本状の登記に当りアメリカ合衆国特許庁の規則にしたがって必要であり、望ましいような特別情報をこの譲渡書に挿入する権利をフィッシュ・アンド・リチャードソン法律事務所に委任するものとする。

- 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) the 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.

-- Fish & Richardson P.C

Assignment

以上を確認の上で、下記の者が下記の氏名に並んで記され IN WITNESSTHEREBY, executed by the undersigned た日に各自、署名して本書を発効させるものである。

on the date(s) opposite the undersigned Name(s)

		Dec 24, 2012	Saton-kanoko-
年月日	氏名(楷書):	Date	Typed Name Satoru Kaneko
		Pec 27, 2002	Jackiychi Chkoda
年月日	氏名(楷書):	Date	Typed Name Toshiyuki Ohkoda
		Dec. 27, 2002	Infero Mympu
年月日	氏名(楷書):	Date	Typed Name Takao Myono
年月日	氏名(楷書):	Date	Typed Name
年月日	氏名 (楷書) :	Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name
この譲渡書は同じくここに署名するアメリカ公証人または最 低2名の証人の前で署名されてもよい。		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
 年月日	氏名 (楷書) :	Date	Typed Name

··· Fish & Richardson P.C.

RECORDED: 04/08/2003

Page 3 of __

PATENT REEL: 013929 FRAME: 0168