	記項子は3366 Docket No.: XA-9869
DMB No. 0651-0027 (exp. 5/31/2002) POBA/REVO3 Tab settings $\rightarrow \rightarrow \rightarrow$	16-2004
To the Director of the United States Pa	647.548 ine attached original documents or copy thereof.
1. Name of conveying party(ies): KINJO, Arata; OOKADO, Kazuo; KOTERA, Kouichi; ODA, Hitoshi; ENDO, Masuhiro	 2. Name and address of receiving party(ies): Name: <u>Hitachi, Ltd.</u> Address: <u>6, Kanda Surugadai 4-chome</u>
Additional names(s) of conveying party(ies)	No Chiyoda-ku
3. Nature of conveyance:	
⊠ Assignment	
Security Agreement Change of Nat	me City: <u>Tokyo</u> State/Prov.:
□ Other	Country: Japan ZIP:
Execution Date: June 6, 6, 10, 10, and 6, 2003	Additional name(s) & address(es) 🛛 Yes 🗔 No
Patent Application No. Filing date PCT/JP01/09356 25 October 2001 2/31/2003 LLANDGRA 00000078 10433666 3 FC:8021 40.00 0	B. Patent No.(s)
Additional n	numbers 🔲 Yes 🖾 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Mitchell W. Shapiro	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 31,568 Address: Miles & Stockbridge P.C.	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
1751 Pinnacle Drive	Authorized to be charged to deposit account
Suite 500	8. Deposit account number:
City: McLean State/Prov.: VA	50-1165
Country: US ZIP: 22102-3833	(Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing of the original document.</i> <u>Mitchell W. Shapiro</u> Name of Person Signing	DO NOT USE THIS SPACE information is true and correct and any attached copy is a true copy MMW.S. Signature Cluding cover sheet, attachments, and December 24, 2003 Date
Mail documents to be rec	corded with required cover sheet information to:
Director of the Unit	Ussignment Recordation Services ted States Patent and Trademark Office 450 Alexandria VA 22313-1450 PATENT

REEL: 014881 FRAME: 0593

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying	Party(ies)	Mari	k if additional names of	conveying p	arties atta	ched
Enter additiona	I Conveying Parties					Execution Date Month Day Year
Name (line 1)						
Name (line 2)						Execution Date Month Day Year
Name (line 1)						
Name (line 2)						Execution Date
Name (line 1)						Month Day Year
Name (line 2)						
Receiving F	artv		Mark if additi	onal names (of receiviı	ng parties attached
	Hitachi ULSI Systems Co., Ltd.			· · · · · · · · · · · · · · · · · · ·		If document to be recorded is an assignment and the
Name (line 2)]	receiving party is not domiciled in the United States, an appointment
	22-1, Josuihoncho 5-chome]	of a domestic representative is attached.
]	(Designation must be a separate document from Assignment.)
Address (line 2)	Kodaira-shi	<u></u>			j	,
Address (line 3)	Tokyo	Japan	State/Country		Code]
					, Lene	
Name (line 1)	Hitachi Device Engineering Co., Ltd.					If document to be recorded is an assignment and the receiving party is not
Name (line 2)]	domiciled in the United States, an appointment of a domestic
Address (line 1)						
Address (line 2)	Mobara-shi]	Assignment.)
Address (line 3)	Chiba	Japan		7		7
	City	L <u>-</u>	State/Country	Zip	Code	
Application	Number(s) or Patent Num	ber(s)		Mark if addi	tional nur	nbers attached
	he Patent Application Number or the Pa	tent Number (l	DO NOT ENTER BOTH n			
Pa	tent Application Number(s)]		Patent Nu	umber(s)
L				l		
			[]	[
]	
L		J	·	[
L		I '		L		

PATENT REEL: 014881 FRAME: 0594

ASSIGNMENT

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd., Hitachi ULSI Systems Co., Ltd., and Hitachi Device Engineering Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, and 3681, Hayano, Mobara-shi, Chiba, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., Hitachi ULSI Systems Co., Ltd., and Hitachi Device Engineering Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR INTEGRATED CIRCUIT, LIQUID CRYSTAL DRIVE DEVICE, AND LIQUID CRYSTAL DISPLAY SYSTEM

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being

the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd., Hitachi ULSI Systems Co., Ltd.,

and Hitachi Device Engineering Co., Ltd.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd., Hitachi ULSI Systems Co., Ltd., and Hitachi Device Engineering Co., Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン) Date Signed (署名日)

1) Arata Kinja Arata KINJO	6/June/2003
2) Kazao Dokado Kazuo OOKADO	6/June/2003
3) Hourche Hotera Kouichi KOTERA	10/ June/2003
4) Afostru Oden Hitoshi ODA	10 /June / 2003
5) Masuhiro Endo Masuhiro ENDO	6 June / 2003
6)	
7)	
8)	
9)	
10)	

RECORDED: 12/24/2003