In the term of the second s	B/O FORM PTO 1595 (1/31/92) Patent and Trademark Office 10216311 RECORDATION FORM COVER SHEET PATENTS ONLY	f Commerce
1. Name of Conveying Partyties): 2. Name and Address of Receiving Partyties): (1) TAKANORI NAKAYAMA, (2) RYUUTA WATANABE, (3) JUN ODIDA, (4)YASUKO GOTOH AND (5) KAORI MIYAZAKI Additional names of conveying parties attached 3. Nature of Conveyance: 2 Assignment Merger Security Agreement Change of Name Other: Execution Dates: (1)(3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002 4. (a) Patent Application Number(s): If this document is being filed together with a new application, the execution dates of the application are: 21, 3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002 Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed. Name: Stanley P. Fisher 7. Total Fee: \$40.00 (37 C.F.R. § 3.41) Enclosed. 8 Deposit Account Number: 08-1480 Athorized to be charged to deposit account. 8. Deposit Account Number: 08-1480	PATENTS ONLY OF OF OF	HITA.0227
1) Takk by Controling Functions 2) Take functions 1) Takk by Controling Functions 2) Take functions 2) Take functions 2) Take functions 2) Take functions 3) Take functions 4) Take functions 5) Take functions 5) Take functions	To the Honorable Commissioner of Patents and Trademarks. Plo	ase record the attached original documents or copy thereof
 Assignment Merger Security Agreement Change of Name Other: Execution Dates: (1)(3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002 (a) Patent Application Number(s): If this document is being filed together with a new application, the execution dates of the application are: : 1)(3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002 Additional Numbers Attached. (b) Patent Numbers: (c) Patent Numbers: (d) Patent Numbers: (e) Patent Numbers: (f) Patent Numbers: (g) Patent Numbers: (h) Patent Number: (h	(1) TAKANORI NAKAYAMA, (2) RYUUTA WATANABE, (3) JUN OOIDA, (4)YASUKO GOTOH AND (5) KAORI MIYAZAKI	Name: Hitachi, Ltd. Address: 6, Kanda Surugadai 4-chome
If this document is being filed together with a new application, the execution dates of the application are: 1) (3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002 Additional Numbers Attached. 5. Nume and Address of Party to whom Correspondence Concerning this Document Should be Mailed: 6. Total Number of Applications and Patents Involved: Name: Stanley P. Fisher 7. Total Fee: \$40.00 Address: Reed Smith LLP \$100 Fairview Park Dr. Suite 1400 \$4100 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 Attach DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT	 Assignment Merger Security Agreement Change of Name Other: Execution Dates: (1)(3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002 	
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Concerning this Document Should be Mailed: Name: Stanley P. Fisher Address: Reed Smith LLP 3100 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 B Enclosed. B Authorized to be charged to deposit account. 8. Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT	: 1)(3) June 17, 2002; (2) June 19, 2002; (4) June 23, 2002 and (5) June 18, 2002	10/19067/
Address: Reed Smith LLP 3100 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042 Suite 1400 Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 Attach DupLicate copy of this page if Paying By Deposit Account		6. Total Number of Applications and Patents Involved.
Address: Reed Smith LLP 3100 Fairview Park Dr. Enclosed. Suite 1400 Authorized to be charged to deposit account. Falls Church, Va. 22042 8. Deposit Account Number: 08-1480 Attach Duplicate Copy of This Page if Paying By Deposit Account	Name: Stanley P. Fisher	
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		8. Deposit Account Number: 08-1480
		ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT
	To the best of my knowledge and belief, the foregoing is true original document.	July 9, 2002
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.	Stanley P. Fisher, Registration No. 24, 344 Juan Carlos	

PATENT REEL: 013096 FRAME: 0009

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., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

LIQUID CRYSTAL DISPLAY DEVICE

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., its 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.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Jakanori Mahayama	June 17, 2002
2) Ryuuta Watanabe	June 19 2002
3) Jun Ovida	June 17.2002
4) Vasuko Jotoh	June 23, 2002
5) Kaori Miyazaki	June 18, 2002
6)	
7)	
8)	
9)	
10)	

RECORDED: 07/09/2002