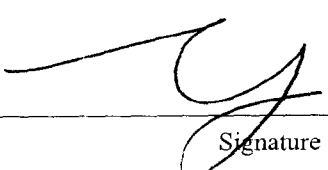


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FORM PTO-1596 1-31-92		RE			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Docket No.: 61352-011		101992516				
To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:						
1. Name of Conveying Party(ies): Hiroyuki YAMAKITA, Katsuhiko KUMAGAWA, Kazuo INOUE, Akinori SHIOTA, Ichiro SATO, Hiroshi SATANI, Masanori KIMURA and Satoshi ASADA 12/11/01 Additional name(s) of conveying party(ies) attached? ☐ Yes			2. Name and address of receiving party(ies): Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Address: 1006, Oaza Kadoma Kadoma-shi Osaka 571-8501, JAPAN			
3. Nature of Conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: December 6, 2001			Additional name(s) & address(es) attached? ☐ Yes			
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: December 6, 2001						
A. Patent Application No(s). 			B. Patent No(s). 			
Additional numbers attached? ☐ Yes						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13 th Street, N.W. City: Washington State: DC Zip: 20005			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☒ Authorized to be charged to deposit account 8. Deposit account number: 500417			
DO NOT USE THIS SPACE						
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>						
Michael E. Fogarty, 36,139					December 11, 2001	
Name and Registration No. of Person Signing			Signature		Date	
			Total number of pages comprising cover sheet:		1	
CMB No. 0851-0011 (exp. 4/94)						

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>HIROYUKI YAMAKITA</u>	(5) <u>ICHIRO SATO</u>
(2) <u>KATSUHIKO KUMAGAWA</u>	(6) <u>HIROSHI SATANI</u>
(3) <u>KAZUO INOUE</u>	(7) <u>MASANORI KIMURA</u>
(4) <u>AKINORI SHIOTA</u>	(8) <u>SATOSHI ASADA</u>

who have made a certain new and useful invention, hereby sell, assign and transfer unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

1006, Oaza Kadoma

Kadoma-Shi

Osaka 571-8501 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

LIQUID CRYSTAL DISPLAY AND FABRICATION METHOD THEREOF

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on , December 6, 2001

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

	INVENTORS	DATE SIGNED
1)	<u>Hiroyuki Yamakita</u> Name: HIROYUKI YAMAKITA	<u>December 6, 2001</u>
2)	<u>Katsuhiko Kumagawa</u> Name: KATSUHIKO KUMAGAWA	<u>December 6, 2001</u>
3)	<u>Kazuo Inoue</u> Name: KAZUO INOUE	<u>December 6, 2001</u>
4)	<u>7^{AS} Akinori Shiota</u> Name: AKINORI SHIOTA	<u>December 6, 2001</u>
5)	<u>Ichiro Sato</u> Name: ICHIRO SATO	<u>December 6, 2001</u>
6)	<u>Hiroshi Satani</u> Name: HIROSHI SATANI	<u>December 6, 2001</u>
7)	<u>Masanori Kimura</u> Name: MASANORI KIMURA	<u>December 6, 2001</u>
8)	<u>Satoshi Asada</u> Name: SATOSHI ASADA	<u>December 6, 2001</u>