11-07-2000



RECO U.S. DEPARTMENT OF COMMERCE FORM PTO-1596 Patent and Trademark Office 1-31-92 PATENIS Docket No.: 50073-032 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party: 1. Name of Conveying Parties: Takuya SAKAMOTO and Hiroshige HAYASAKI Name: Kabushiki Kaisha Advanced Display Address: 997, Miyoshi, Nishigoshimachi Additional name(s) of conveying party(ies) attached? Yes Kikuchigun umamoto, 861-1198, Japan 3. Nature of Conveyance: ☐ Merger Assignment Assignment ☐ Security Agreement Change of Name SEP 2 8 2000 Other Execution Date: August 1 and August 3, 2000 he(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: B. Patent No(s). A. Patent Application No(s). 09/610,653, filed July 5, 2000 Additional numbers attached? Yes 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41) Name: MCDERMOTT, WILL & EMERY Enclosed Internal Address: Authorized to be charged to deposit account 600 13th Street, N.W. 8. Deposit account number: Street Address: 500417 20005 City: Washington State: DC DO NOT USE THIS SPACE 9. Statement and signature. 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. September 28, 2000 Stephen A. Becker, 26,527 Date Name and Registration No. of Person Signing Total number of pages comprising cover sheet:

CMB No. 0851-0011 (exp. 4/94)

PATENT REEL: 011205 FRAME: 0922 Docket No.: 50073-032

Takuwa SAKAMOTO

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) Takaya Si Heravio 10	(')
(2) Hiroshige HAYASAKI	(5)
(3)	(6)
who have made a certain new and usefu	al invention, hereby sell, assign and transfer unto
Kabushiki Kaisha Advanced Display	
997, Miyoshi, Nishigoshimachi	
Kikuchigun, Kumamoto, 861-1198	
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 DEVICE

- (a) for which an application for United States Letters Patent was filed on July 05, 2000, and identified by United States Serial No. 09/610,653; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of 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.

PATENT REEL: 011205 FRAME: 0923 SIGNED on the dates indicated aside our signatures:

RECORDED: 09/28/2000

	INVENTORS	DATE SIGNED
1)	Takuya SAKAMOTO	August 1, 2000
	Name: Takuya SAKAMOTO	
2)	Mame: Hiroshige HAYASAKI	August 3, 2000
	Name: Hiroshige HAYASAKI	
3)		
	Name:	
4)		
	Name:	
5)		
- /	Name:	
6)		
	Name:	

PATENT REEL: 011205 FRAME: 0924