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SHEET

Docket No. 00117/LH

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hirokazu SAITO Isao KURASHIMA Kazuhiro SUGIYAMA 2. Name and address of receiving party(ies):

Casio Computer Co., Ltd. 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo, Japan



3. Nature of conveyance: - ASSIGNMENT	00/5/12	
Execution Date(s): Feb. 17, 2000 (all 3 inventors),	09/3/4/33	
		respectiv
4. Application number(s) or patent number(s):		
If this document is being filed together with a new applica	ation, the execution date of the application is as follows:	
Feb. 17, 2000 (all 3 inventors),	,	
		respecti
A. Patent Application No. (s)	B. Patent No.(s)	
31/2000 DCOATES 00000101 09514753 FC:581 40.00 UP		
5. Name and address of party to whom correspondence co	ncerning document should be mailed:	
FRISHAUF, HOLTZ, GOODMAN, LANG 767 Third Avenue, 25th Floor New York, New York 10017-2023	ER & CHICK, P.C.	
6. Total number of applications and patents involved: one	7. Total fee (37 CFR 3.41): \$ 40.00	
	[] Amount included with filing fee attached hereto.	
	[X] Check enclosed.	
8. To the extent not tendered by check, authorization is given to ch	arge the Assignment Fee (37 CFR.341) to Account No. 06-1378.	•
9. Statement and signature:		
To the best of my knowledge and belief, the foregoing info original document.	rmation is true and correct and any attached copy is a true copy of	of the
Dated: February 28, 2000	Leonard Holtz, Reg. No. 22 974	,
Express Mail" Mailing Label No. <u>EL 484-826-933 US</u>		
Date of Deposit: February 28, 2000		
I hereby certify that this paper and enclosed application as "Express Mail Post Office Addresses" service under 37 CFR 1 Commissioner of Patent and Irademarks, Washington, D.C. 2023	nd fee are being deposited with the United States Postal .10 on the date indicated above and is addressed to the 31.	Service
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PATENT REEL: 010644 FRAME: 0469

Total number of pages comprising cover sheet: 3

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

LIQUID CRYSTAL DISPLAY DEVICE HAVING AN IC CHIP MOUNTED ON A NARROW FILM WIRING BOARD

said application having been filed on and assigned Serial No. : sell and assign to CASIO COMPUTER CO., LTD. a corporation of Japan. having a business address at 6-2. Hon-machi 1-chome. Shibuya-ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- \times executed concurrently herewith;
- executed separately herefrom;

and in and to all applications for patent and patents for said invention. in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents. to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee. I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023

PATENT REEL: 010644 FRAME: 0470

ASSIGNMENT

Inventor: (Signature)	Date	Residence and post office address
Mirokazu Salto	February 17, 2000	1072-7, Amagasecho. Ome-shi, Tokyo, Japan
Isao Kurashima) February 17, 2000	1-1003-5, Nagabuchi, Ome-shi, Tokyo, Japan
Kazuhiro Sugiyama	February 17, 2000	3-23-5, Fujimidai. Kunitachi-shi. Tokyo, Japan

RECORDING OFFICER:

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767 Third Avenue = 25th Floor, New York, N. Y. $10017{=}2023$

RECORDED: 02/28/2000

PATENT REEL: 010644 FRAME: 0471