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ER SHEET Docket No. <u>02341/LH</u> Y

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

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Casio Computer Co., Ltd. 6-2, Hon-machi 1-chome, Shibuya-ku Katsuhiko MOROSAWA Minoru KANBARA Tokyo 151-8543, Japan 3. Nature of conveyance: - ASSIGNMENT Execution Date(s): Both on June 5, 2002 , respectively. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is as follows: Both on June 5, 2002 , respectively. B. Patent No.(s) A. Patent Application No. (s) 5. Name and address of party to whom correspondence concerning document should be mailed: FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C. 767 Third Avenue, 25th Floor New York, New York 10017-2023 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 charge 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 information is true and correct and any attached copy is a true copy of the original document. Dated: June 14, 2002 By: Leonard Holtz, Reg. No. 2 974 06/25/2002 LINUELLER 00000022 10171953 01 FC:581 40.00 BP 956 212 US Express Mail" Mailing Label No. EV Date of Deposit: June 14, 2002 I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office Addresses" (service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patent and Trademarks, Washington, D.C. 20231. allaia Uls arbara Villani 9/4/92 Total number of pages comprising cover sheet: _ 3

PATENT REEL: 013012 FRAME: 0289

ASSIGNMENT

In consideration of value received, I, having a residence and mailing 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:

SHIFT REGISTER AND ELECTRONIC APPARATUS

said application having been filed on and assigned Application 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)

X 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 & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023

> PATENT REEL: 013012 FRAME: 0290

Inventor:	(Signature)

Date

June 5, 2002

June 5, 2002

3-375-2-6, Kamikitadai,

Higashiyamato-shi, Tokyo, Japan

Katsuhiko Marasawa

Katsuhiko Morosawa

Canbara

197-3, Komiyamachi, Hachioji-shi. Tokyo, Japan

Minoru Kanbara

RECORDING OFFICER: After recording please return to: Frishauf. Holtz. Goodman& Chick, P.C.

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