

## REGISTRATION FORM COVER SHEET

12-29-2005

Docket No. 05888/LH

103145844

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113009 U.S. PTO  
11/31/1675

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

## 1. Name of conveying party(ies):

Minoru YAMAGUCHI  
Yasushi NAKAJIMA  
Ryota MIZUSAKO

## 2. Name and address of receiving party(ies):

Casio Computer Co., Ltd.  
6-2, Hon-machi 1-chome, Shibuya-ku,  
Tokyo 151-8543, Japan

## 3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): All on Dec. 16, 2005

, 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:

All on Dec. 16, 2005

, respectively.

A. Patent Application No. (s)

B. Patent No.(s)

## 5. Name and address of party to whom correspondence concerning document should be returned:

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.  
220 FIFTH AVENUE, 16th Floor  
New York, New York 10001-7708  
Fax: (212) 319-51016. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41): \$ 40.00

[ ] Amount included with filing fee attached hereto.

[X] Credit Card form PTO-2038 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.

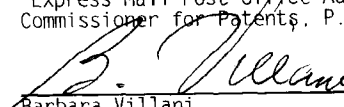
Dated: December 19, 2005By: 

Leonard Holtz, Reg. No. 22,974

Express Mail® Mailing Label No. EV 721 636 539 US

Date of Deposit: December 19, 2005

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 for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Barbara Villani  
9/4/92Total number of pages comprising cover sheet: 3

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PATENT  
REEL: 017358 FRAME: 0181

**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 names are listed below) of an invention described in an application for United States patent entitled:

**VERTICAL ALIGNMENT LIQUID CRYSTAL DISPLAY DEVICE**

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 151-8543, 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 executed concurrently herewith;

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 it 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 invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman & Chick, P.C., 220 Fifth Avenue - 16th Floor, New York, N.Y. 10001-7708.

**INVENTOR: SIGNATURE****DATE****POST OFFICE ADDRESS**

Sign: <i>Minoru Yamaguchi</i>	Date: December 16, 2005	Address: c/o Intellectual Property Department Casio Computer Co., Ltd. Hamura R&D Center 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan
Type: Minoru YAMAGUCHI	Witness:	
Sign: <i>Yasushi Nakajima</i>	Date: December 16, 2005	Address: c/o Intellectual Property Department Casio Computer Co., Ltd. Hamura R&D Center 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan
Type: Yasushi NAKAJIMA	Witness:	
Sign: <i>Ryota Mizusako</i>	Date: December 16, 2005	Address: c/o Intellectual Property Department Casio Computer Co., Ltd. Hamura R&D Center 2-1, Sakae-cho 3-chome, Hamura-shi, Tokyo 205-8555, Japan
Type: Ryota MIZUSAKO	Witness:	
Sign:	Date:	Address:
Type:	Witness:	
<b>NOTES: MUST BE DATED.      WITNESS DESIRABLE.      LEGALIZATION NOT REQUIRED.</b>		

RECORDING OFFICER:

After recording, please return to:  
Customer No. 01933  
FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.  
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RECORDED: 12/19/2005

**PATENT**  
REEL: 017358 FRAME: 0182