

03-26-1999

D/S

FORM PTO-1595  
1-31-92

RECOR



S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

DOCKET NO. 0039-6984-2SRD

1

100998863

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

3.24.99

1. Name of conveying party(ies):

Shintaro ENOMOTO, Aira HOTTA, Yuko KIZU,  
Hiroyuki IWANAGA, Masao TANAKA, Seizaburo SHIMIZU  
and Kazuyuki SUNOHARA

Additional name(s) of conveying party(ies) attached?  
 Yes  No

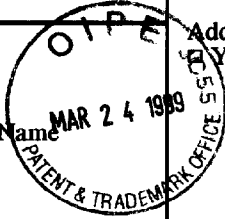
Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA  
Address: 72 Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, JAPAN

Additional name(s) & address(es) attached?  
 Yes  No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other \_\_\_\_\_
- Merger
- Change of Name



Execution Date: January 7, 1999

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: \_\_\_\_\_

A. Patent Application No.(s)

09/220,364

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Attorneys at Law  
Fourth Floor  
1755 Jefferson Davis Highway  
Arlington, Virginia 22202

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: 15-0030

(Attach duplicate copy of this page if paying by deposit account)

03/26/1999 JSHABAZZ 00000074 09220364

01 FC:581

40.00 OP

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.

Marvin J. Spivak  
Name of Person Signing  
Registration No. 24,913

[Signature]  
Registration Number 27,295

3/24/99  
Date  
Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

PATENT  
REEL: 9834 FRAME: 0943

# A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence 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 AND METHOD OF MANUFACTURING THE SAME

said application having been filed on December 24, 1998 and assigned Serial No. 09/220,364 ;

sell and assign to

KABUSHIKI KAISHA TOSHIBA

a corporation of Japan, having a business address at 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, 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)

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 invention 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.

Oblon, Spivak, McClelland, Maier & Neustadt, P. C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

98S0771

Inventor: (Signature)	Date	Residence
<u>Shintaro Enomoto</u> Shintaro Enomoto	JAN. - 7. 1999	Yokohama-shi, Japan
<u>Aira Hotta</u> Aira Hotta	JAN. - 7. 1999	Tokyo, Japan
<u>Yuko Kizu</u> Yuko Kizu	JAN. - 7. 1999	Yokohama-shi, Japan
<u>Hiroki Iwanaga</u> Hiroki Iwanaga	JAN. - 7. 1999	Yokohama-shi, Japan
<u>Masao Tanaka</u> Masao Tanaka	JAN. - 7. 1999	Sagamihara-shi, Kanagawa-ken, Japan
<u>Seizaburo Shimizu</u> Seizaburo Shimizu	JAN. - 7. 1999	Yokohama-shi, Japan
<u>Kazuyuki Sunohara</u> Kazuyuki Sunohara	JAN. - 7. 1999	Yokohama-shi, Japan

RECORDING OFFICER:

After recording please return to:  
Oblon, Spivak, McClelland,  
Maier & Neustadt, P.C.,

Fourth Floor,  
1755 Jefferson Davis Highway,  
Arlington, Virginia 22202