

9/30/02

Atty Docket No.: 228969US2S/cyp

10-04-2002

FORM PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Paten

102241151

1 original documents or copy thereof.

1. Name of conveying party(ies):
Tomonobu MOTAI, Yoshiro AOKI and Kazuo NAKAMURA

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

2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Address: 1-1 Shibaura 1-chome
Minato-Ku, Tokyo
Japan



3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: September 20, 2002

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

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: September 20, 2002

A. Patent Application No.(s)

101259 499

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total applications and patents involved:

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)

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

Signature

9/30/02

Date

Registration Number: 24,913

C. Travis McQuinn
Registration No. 101259499

Total number of pages including this cover sheet: 3

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

10/02/2002 GGEBREGI 0000067 10259499

01 FC:581

40.00 0P

PATENT
REEL: 013341 FRAME: 0618

A S S I G N M E N T

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

FLAT-PANEL DISPLAY DEVICE

said application having been filed on _____
and assigned Application No. _____ ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
1-1 Shibaura 1-chome, Minato-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)

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

02S0621

Inventor: (Signature)

Date

Residence

Tomonobu Motai
Tomonobu Motai

SEP. 20. 2002

Yokohama-shi, Japan

Yoshiro Aoki
Yoshiro Aoki

SEP. 20. 2002

Kitamoto-shi, Japan

Kazuo Nakamura
Kazuo Nakamura

SEP. 20. 2002

Kitamoto-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