

7.963

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

ATTN. BOX ASSIGNMENTS

1. Name of conveying parties:
- 1) Katsuyuki NAITO
 - 2) Naoko KIHARA
 - 3) Rei HASEGAWA
 - 4) Shintaro ENOMOTO
 - 5) Yutaka NAKAI
 - 6) Kazushige YAMAMOTO
 - 7) Hiroki IWANAGA
 - 8) Kimito SAKAI
 - 9) Yasushi MORI



2. Name and address of receiving party:

Name: **KABUSHIKI KAISHA TOSHIBA**

07-14-2003



102495552

Additional name of conveying party attached? Yes No

Internal /

3. Nature of conveyance:

Street Address: *1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan*

Assignment Merger

City:

Security Agreement Change of Name

State:

Zip Code:

Other:

Additional name & Address attached?

Execution Date:

May 12, 2003

Yes

No

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number:

10/395,253

B. Patent Number:

Additional numbers attached?

Yes

No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved:
1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

Richard V. Burgujian
Reg. No. 31,744

[Signature]
Signature

June 9, 2003

Date

Total number of pages including cover sheet, attachments and documents: 4

07/11/2003 6TON11 00000104 10395253

01 FC:8021

40.00 OP

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:

INK FOR FORMING A HOLE INJECTION LAYER OF ORGANIC EL DISPLAY DEVICES AND MANUFACTURING METHOD THEREOF, ORGANIC EL DISPLAY DEVICES, AND MANUFACTURING METHOD OF THE SAME

said application having been filed on March 25, 2003
and assigned Application No. 10/395,253 ;

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;

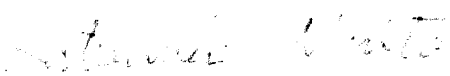
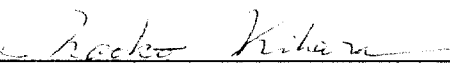
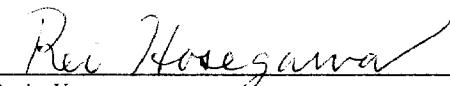
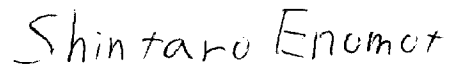

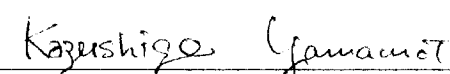
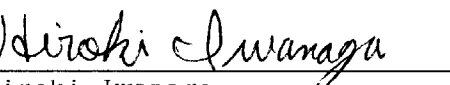
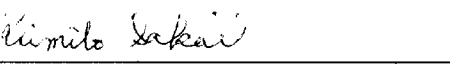
and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to 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.

Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.,
1300 I Street, N. W., Washington, D. C., 20005-3315

A S S I G N M E N T

02S1459

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ASSIGNMENT

02S1459

Inventor: (Signature)

Date

Residence

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Yokohama-shi, Japan

RECORDING OFFICER:

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RECORDED: 07/09/2003

PATENT
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