To the Honorable Commissioner of Patents:

1. Name of conveying party(ies):
   JOHJI MAMIYA
   HIROSHI TANASE
   MASARU SUZUKI

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

2. Name and address of receiving party(ies)
   Name: INTERNATIONAL BUSINESS MACHINES CORPORATION
   Street address: Armonk, New York

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

3. Nature of conveyance:
   ☑ Assignment
   □ Merger
   □ Security Agreement
   □ Change of Name
   □ Other

   Execution Date: March 25 and March 26, 1998

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)
      09/051,504

   B. Patent No.(s)
      Attorney Docket No.: 40474.830001.000

   Additional number(s) attached? □ Yes □ No

5. Name and Address of party to whom correspondence concerning document should be mailed:
   Name: Earl C. Hancock
   Internal Address: Holland & Hart LLP
      P.O. Box 8749
      Denver, CO 80201

   Street Address: 555-17th Street, #3200
   City: Denver State: CO Zip: 80202

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $_____
   □ Authorized to be charged to deposit account

8. Deposit account number:
   082623
   (Attach duplicate copy of this page if paying by deposit account)

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   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.

   Earl C. Hancock

   Name of Person signing

   Signature

   Date 2/5/97

   Total number of pages including cover sheet, attachments and document: _3_

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231
ASSIGNMENT

Whereas, we,

(1) JOHJI MAMIYA of Kunitachi-shi, Tokyo, Japan
(2) HIROSHI TANASE of Machida, Tokyo, Japan
(3) MASARU SUZUKI of Hodogaya, Yokohama, Japan

have invented certain improvements in
LIGHT TRANSMITTING MATERIAL, PLANAR LIGHT SOURCE DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE
and executed a United States patent application therefor on the date beside our signature below;

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of the State of New York, the United States of America, having a place of business at Armonk, New York (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt and adequacy whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed and sealed on 26/03/1998.

JOHJI MAMIYA

PATENT REEL: 9476 FRAME: 0932
(2) Signed and sealed on 26/3, 1998.

HIROSHI TANASE

(3) Signed and sealed on 25/03, 1998.

MASARU SUZUKI

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