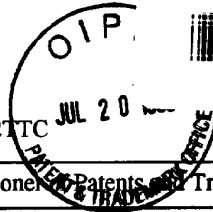


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Shinichi KAWAMURA, Shigetaka TORIYAMA

2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Address: 72, Horikawa-cho, Saiwai-ku
Kawasaki-shi, Kanagawa-ken, Japan

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

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4. Application number(s) or patent number(s):

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A. Patent Application No.(s)

B. Patent No.(s)

08/980,797

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

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PATENT
REEL: 9319 FRAME: 0059

Assignment Of Application

INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:

WHEREAS, I (WE) Kaichi FUKUDA of Saitama-ken, Japan,
Tsutomu UEMOTO of Saitama-ken, Japan, Hideo HIRAYAMA of Kanagawa-ken,
Japan, Shinichi KAWAMURA of Saitama-ken, Japan and Shigetaka TORIYAMA
of Saitama-ken, Japan

INSERT TITLE OF INVENTION:

_____, respectively,
 have invented certain new and useful improvements in: THIN FILM TRANSISTOR, METHOD OF
MANUFACTURING THE SAME AND THIN FILM TRANSISTOR LIQUID CRYSTAL DISPLAY DEVICE

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on _____
 (Application No. 08/980,797 , filed December 1, 1997), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

WHEREAS, KABUSHIKI KAISHA TOSHIBA
 (hereinafter referred to as "ASSIGNEE") having a place of business at: 72, Horikawa-cho,
Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: July 2, 1998 Kaichi Fukuda
 (Signature of Inventor) Kaichi FUKUDA

Date: July 2, 1998 Tsutomu Uemoto
 (Signature of Inventor) Tsutomu UEMOTO

Date: July 2, 1998 Hideo Hirayama
 (Signature of Inventor) Hideo HIRAYAMA

Date: July 2, 1998 Shinichi Kawamura
 (Signature of Inventor) Shinichi KAWAMURA

Date: July 2, 1998 Shigetaka Toriyama
 (Signature of Inventor) Shigetaka TORIYAMA

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
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