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RECORD

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APPLICATION

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072805

NAME OF CONVEYING PARTY : Shinichi SATOH, Naoya KIMURA
and Tetsuro HARA

NAME OF RECEIVING PARTY : OKI ELECTRIC INDUSTRY CO., LTD.

ADDRESS OF RECEIVING PARTY : 7-12, Toranomom 1-chome
Minato-ku, Tokyo, Japan

NATURE OF CONVEYANCE: Assignment of U.S. Patent Application

CONVEYANCE EXECUTION DATE : July 15, 2005

PATENT APPLICATION NO. : To be assigned

PATENT APPLICATION FILING DATE : July 28, 2005

APPLICATION FILED TOGETHER WITH THIS DOCUMENT : YES

APPLICATION EXECUTION DATE : July 15, 2005

CORRESPONDENCE ADDRESS : RABIN & BERDO, P.C.
1101 14th Street, N.W., Suite 500
Washington, DC 20005
(Customer No: 23995)

ATTORNEY REFERENCE : FUJI 163

TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

METHOD OF PAYMENT : Enclosed
 Authorized to be charged to
deposit account

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.


Steven M. Rabin (Reg. No. 29,102)

July 28, 2005
Date

Total number of pages including cover sheet, attachments and document: 3.

FEE ENCLOSED: \$ 40.00
Please charge any further
fee to our Deposit Account
No. 18-0002

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04 FC:8021

PATENT
REEL: 016822 FRAME: 0333

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Shinichi SATOH of c/o Oki Electric Industry Co., Ltd., 7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan and Naoya KIMURA and Tetsuro HARA both of c/o Oki Network LSI Co., Ltd., 15-7, Nishigotanda 2-chome, Shinagawa-ku, Tokyo, Japan hereinafter referred to collectively as the assignor, has invented a certain improvement relating to DRIVE CIRCUIT AND DRIVE METHOD FOR PANEL DISPLAY DEVICE

the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
 said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to my attorneys, **Steven M. Rabin, Robert H. Berdo, Allen Wood and Phillip G. Avruch** of RABIN & BERDO, P.C, 1101 14th Street, Suite 500, Washington, D.C. 20005, to insert here in parentheses (Application Serial No. 10/455,789) the application serial number of said application when known;
 said application having been filed under the Patent Cooperation Treaty on _____, Serial No.) _____, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd. of 7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, July 15, 2005

WITNESS:

ASSIGNOR:

Signature: Satoshi Suzuki
Satoshi SUZUKI

Signature: Shinichi Satoh
Name: Shinichi SATOH

RABIN & BERDO, P.C.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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EXECUTED, July 15, 2005.

WITNESS:

ASSIGNOR:

Signature: Satoshi Suzuki
Satoshi SUZUKI

Signature: Naoya Kimura
Name: Naoya KIMURA

EXECUTED, July 15, 2005.

WITNESS:

ASSIGNOR:

Signature: Satoshi Suzuki
Satoshi SUZUKI

Signature: Tetsuro Hara
Name: Tetsuro HARA

RABIN & BERDO, P.C.