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TAPPLICATION

173211 U.S. PTO 11/181753

NAME OF CONVEYING PARTY

RECORI

: Shin ARAHIRA

NAME OF RECEIVING PARTY

OKI ELECTRIC INDUSTRY CO., LTD

ADDRESS OF RECEIVING PARTY

7-12, Toranomon 1-chome Minato-ku, Tokyo, Japan

NATURE OF CONVEYANCE:

Assignment of U.S. Patent Application

CONVEYANCE EXECUTION DATE

June 24, 2005

PATENT APPLICATION NO.

To be assigned

PATENT APPLICATION FILING DATE

July 15, 2005

APPLICATION FILED TOGETHER

WITH THIS DOCUMENT

YES

APPLICATION EXECUTION DATE

June 24, 2005

CORRESPONDENCE

ADDRESS

RABIN & BERDO, P.C.

1101 14th Street, N.W., Suite 500

Washington, DC 20005 (Customer No: 23995)

ATTORNEY REFERENCE

OHG 154

TOTAL NUMBER OF PATENTS

AND APPLICATIONS INVOLVED

One

TOTAL FEE PAID

\$40.00

METHOD OF PAYMENT

[X] 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 15, 2005 Date

Total number of pages including cover sheet, attachments and document: 2.

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PATENT REEL: 016762 FRAME: 0246

FEE ENCLOSED:\$

Please charge any furw
fee to our Deposit Acco

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Shin ARAHIRA
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to "OPTICAL SWITCH"
[X] 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
Jr. 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.) the application serial number of said
application when known;
[] said application having been filed under the Patent Cooperation Treaty on
Serial No.), the Officed States of America being designated.
AND WHEREAS Oki Electric Industry Co., Ltd.
of 7-12, Toranomon 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 therefo
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 assigner might or could have held and enjoyed the same, if this assignment had not been manner as the said as
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 June 24 , 2005.
EXECUTED, $June 24$, 2005.
WITNESS: ASSIGNOR:
Signature: Mosself Month' Signature: Shin arahira
Signature:
Name. One of the original of t

RABIN & BERDO, P.C.

RECORDED: 07/15/2005

PATENT REEL: 016762 FRAME: 0247