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RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY : Yuichi MATSUSHITA

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 : December 12, 2005

PATENT APPLICATION NO. : To Be Assigned

APPLICATION FILED TOGETHER
WITH THIS DOCUMENT : Yes

APPLICATION EXECUTION DATE : December 12, 2005

CORRESPONDENCE ADDRESS : RABIN & BERDO, P.C.
1101 14th Street, N.W., Suite 500
Washington, D.C. 20005

ATTORNEY REFERENCE : OKI 455

TOTAL NUMBER OF PATENTS
AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

METHOD OF PAYMENT : ☒ PTO-2038 attached
☐ Authorized to be charged to
deposit account

113262 U.S. PTO
11/320658



12.30.05

In the event there is attached hereto no check, or a check for an insufficient amount, please charge the fee to our Account No. 18-0002 and notify us accordingly.

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
(Registration No. 29,102)

12/30/05

Date

SMR/rw

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

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40.00 OP

FEE ENCLOSED: \$1040
Please charge any further
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No. 18-0002

PATENT
REEL: 017430 FRAME: 0148

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Yuichi MATSUSHITA
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to Pulse width modulation circuit

☒ 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 the practitioners associated with the
Customer Number 23995, 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 United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd.
of 7-12, Toranomon 1-chome, Minato-ku, Tokyo 105-8460, 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, December 12, 2005

WITNESS:**ASSIGNOR:**Signature: Masahiko NakajikokuSignature: Yuichi MatsushitaName: Yuichi MATSUSHITA**RABIN**