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NAME OF CONVEYING PARTY

Masakazu URAHAMA

VER SHEET - PATENT APPLICATION

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

mro

Assignment of U.S. Patent Application

CONVEYANCE EXECUTION DATE

September 6, 2002

PATENT APPLICATION NO.

To be assigned

10259772

PATENT APPLICATION FILING DATE

September 30, 2002

APPLICATION FILED TOGETHER

WITH THIS DOCUMENT

YES

APPLICATION EXECUTION DATE

September 6, 2002

CORRESPONDENCE

RABIN & BERDO, P.C.

ADDRESS

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

Washington, DC 20005 (Customer No: 23995)

ATTORNEY REFERENCE

KAT 243

TOTAL NUMBER OF PATENTS

AND APPLICATIONS INVOLVED

One

TOTAL FEE PAID

METHOD OF PAYMENT

\$40.00

10/02/2002 TGEDAMU1 00000018 10259772

02 FC:581

[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.

Please charge any furth

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

September 30, 2002

Date

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

PATENT

REEL: 013348 FRAME: 0155

Attorney Reference

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS Masakazu URAHAMA
nereinafter referred to collectively as the assignor, has invented a certain improvement relating to MICROCONTROLLER HAVING AN ERROR DETECTOR DETECTING ERRORS IN ITSELF AS
WELL $[X]$ 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; and 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 United 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 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, September 6 , 2002.
WITNESS: ASSIGNOR:
Signature: Yasuhiro Johnnaga Signature: Masakaw Crahama Name: Masakaw Crahama
Name: Masakazi Urahama
RABIN & BERDO, P.C.

PATENT
RECORDED: 09/30/2002 REEL: 013348 FRAME: 0156