

10-25-2002

RECORDATION C



PLICATION

10/18/ - 102260541

NAME OF CONVEYING PARTY : Junichi MIYANO, Kiyohiko TOSHIKAWA,
and Yoshikazu MOTOYAMA

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 DATES : September 6 and 9, 2002

PATENT APPLICATION NO. : To be assigned

PATENT APPLICATION FILING DATE : October 18, 2002

APPLICATION FILED TOGETHER WITH THIS DOCUMENT : YES 10273147

APPLICATION EXECUTION DATES : September 6 and 9, 2002

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

ATTORNEY REFERENCE : OKI 316

TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

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

J1033 U.S. PTO
10/273147
10/18/02

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.

Robert Berdo
Robert H. Berdo, Jr. (Reg. No. 38,075)

October 18, 2002
Date

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

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03 FC:8021

40.00 DP

PATENT
REEL: 013408 FRAME: 0323

FEE ENCLOSED: \$ 1,116.00
Please charge any further
fee to our Deposit Account
No. 18-0002

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Junichi MIYANO, Kiyohiko TOSHIKAWA and Yoshikazu MOTOYAMA hereinafter referred to collectively as the assignor, has invented a certain improvement relating to APPARATUS AND METHOD FOR MANUFACTURING SEMICONDUCTOR

[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 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, Sep. 9, 2002.

WITNESS:

ASSIGNOR:

Signature: Osamu Yamamouchi

Signature: Junichi Miyano

Name: Junichi MIYANO

RABIN & BERDO, P.C.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, Sep 6 , 2002.

WITNESS:

ASSIGNOR:

Signature: Mitsutaka Tomiyaga

Signature: Kiyohiko Toshihiko

Name: Kiyohiko TOSHIKAWA

EXECUTED, Sep 6 , 2002.

WITNESS:

ASSIGNOR:

Signature: Tetsuya Abe

Signature: Yoshikazu Matoyama

Name: Yoshikazu MOTOYAMA

EXECUTED, _____, 2002.

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

RABIN & BERDO, P.C.