

07-07-2003

FORM PTO-1595 (modified)

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks, please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):
Hideaki MATSUHASHI
Additional name(s) of conveying party(ies) attached? NO

6-23-03

2. Name and address of receiving party(ies):
Name: Oki Electric Industry Co., Ltd.
Street Address: 7-12, Toranomom 2-chome, Minato-ku, Tokyo, Japan
Additional name(s) & address(es) attached? NO

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: May 23, 2003

16015 U.S. PTO
10/600827
06/23/03

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: May 23, 2003
A. Patent Application No.(s)
NEW, filed June 23, 2003
Additional numbers attached? NO

10600827

B. Patent No.(s)
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41). \$40.00
 Enclosed (Check No. 56273)
Authorized to be charged to deposit account
8. Deposit account number: 23-0975
(Attach duplicate copy of this page if paying by deposit account)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Nils E. Pedersen, Esq.
Street Address: 2033 K Street, N.W., Suite 800
City: Washington, State: DC ZIP: 20006-1021

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9. Statement and signature.
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.
Nils E. Pedersen, Reg. No. 33,145
Name of Person Signing June 23, 2003
Signature Date
Total number of pages including cover sheet: 2

Nils E. Pedersen

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 014223 FRAME: 0868

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hideaki MATSUHASHI

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to SEMICONDUCTOR 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, **Michael R. Davis, Matthew M. Jacob, Jeffrey Nolton, Warren M. Cheek, Jr, Charles R. Watts and Nils E. Pedersen** of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800 Washington, D.C. 20006, 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, May 23, 2003

WITNESS:

ASSIGNOR:

Signature: Toshiyuki Nakamura

Signature: Hideaki Matsuhashi

Name: Hideaki MATSUHASHI

WENDEROTH, LIND & PONACK, L.L.P.