

3-1-07

03-16-2007



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COVER SHEET U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 030712-89

Forward the attached original documents or copy thereof.

To the Honorable Commissioner
1. Name of conveying party(ies):
Nobuhiro KAI
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Oki Electric Industry Co., Ltd.
Street Address: 7-12, Toranomom 1-chome
City: Minato-ku State: Tokyo Zip: _____
Country: Japan Postal Code: 105-8460
Additional name(s) & address(es) attached? Yes No
U.S. PTO
11/712465
03/01/2007

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date(s):
1st Inventor: February 8, 2007

4. Application number(s) or patent number(s);
If this document is being filed together with a new application, the filing date of the application is: March 1, 2007
A. Patent Application No.(s) 11/712465 B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Attorney Name: Donald R. Studebaker
Firm Name: Nixon Peabody LLP
Internal Address: Suite 900
Street Address: 401 9th Street, N.W.
City: Washington State: D.C. Zip: 20004-2128

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
19-2380 (030712-89)
(Attach duplicate copy of this page if paying by deposit account)

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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.
Joseph A. Parisi-Reg. No. 53,435 Joseph A. Parisi March 1, 2007
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450

03/15/2007 MJAMA1 00000062 192380 11712465
01 FC:8021 (40.00 DA)

PATENT
REEL: 019048 FRAME: 0603

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Nobuhiro KAI

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to Sense Amplifier

[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 the practitioners associated with the CUSTOMER NUMBER 22204,

, 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.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Nixon Peabody LLP

All practitioners at Customer Number 22204.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, February 8, 2007

WITNESS:

ASSIGNOR:

Signature: Masahiko Inagatemi

Signature: Nobuhiro Kai

Name: Nobuhiro KAI

NIXON