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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102159276

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

USAMI, Tetsuo

07/03/02

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: OKI ELECTRIC INDUSTRY CO., LTD.

Address: 7-12, TORANOMON 1-CHOME, MINATO-KU,

City: TOKYO

State/Prov.:

Country: JAPAN

ZIP:

Additional name(s) & address(es) Yes No

10/18/02
10/18/02
07/03/02

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: JUNE 21, 2002

4. Application number(s) or patent numbers(s):

10/187840

If this document is being filed together with a new application, the execution date of the application is: JUNE 21, 2002

Patent Application No.	Filing date
NEW	JULY 3, 2002

B. Patent No.(s)

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ADAM C. VOLENTINE

Registration No. 33289

Address: VOLENTINE FRANCOS, PLLC

12200 SUNRISE VALLEY DRIVE, SUITE 105

City: RESTON State/Prov.: VA

Country: U.S.A. ZIP: 20191

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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-0238

(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.

ADAM C. VOLENTINE

Adam C. Volentine #33,581

JULY 3, 2002

Name of Person Signing

Signature

2

Date

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Tetsuo USAMI

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to METHOD OF FORMING MULTILAYERED CONDUCTIVE LAYERS FOR SEMICONDUCTOR DEVICE

[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, **Raymond C. Jones and Adam C. Volentine** of VOLENTINE FRANCO, PLLC, , 12200 Sunrise Vally Drive Suite 150, Reston, Virginia 20191, 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, Toranomom 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, June 21, 2002.

WITNESS:

ASSIGNOR:

Signature: Yoshihiro Miyakawa

Signature: Tetsuo Usami T. U.
Name: Tetsuo USAMI

VOLENTINE FRANCO, PLLC