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U.S. PTO  
11/822903  
07/11/2007



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Docket No.: 052775-0047

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Parties  
Keiji ISHIBASHI, Masato IRIKURA, Seiji NAKAHATA  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party  
Name: SUMITOMO ELECTRIC INDUSTRIES, LTD.  
Internal Address:

3. Nature of Conveyance/Execution Date(s)  
Execution Date(s): March 6, 2007  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Address: 5-33, Kitahama 4-chome,  
Chuo-ku,  
Osaka, JAPAN

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

4. Application or patent number(s):  
A. Patent Application No(s).  
Additional numbers attached?  Yes  No

This document is being filed together with a new application  
B. Patent No(s).

11/822903

5. Name and address to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:  
Street Address: 600 13th Street, N.W.  
City: Washington State: D. C. Zip: 20005-3096  
Phone Number: 202.756.8000  
Fax Number: 202.756.8087  
Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

8. Payment Information:  
a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number 500417  
Authorized User Name 07/19/2007 LAUELLER 00000020 500417 11822903

9. Signature.  
Stephen A. Becker, 26,527

*Becker*

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July 11, 2007

Name and Registration No. of Person Signing  
Total number of pages including cover sheet, attachments and documents: 2

Signature Date

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of wh is hereby acknowledged, the undersigned,

- |                            |           |
|----------------------------|-----------|
| (1) <u>Keiji Ishibashi</u> | (4) _____ |
| (2) <u>Masato Irikura</u>  | (5) _____ |
| (3) <u>Seiji Nakahata</u>  | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SUMITOMO ELECTRIC INDUSTRIES, LTD.  
5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of Ame as defined in 35 U.S.C. 100 in the invention entitled

METHOD OF PRODUCING GROUP 3 NITRIDE SUBSTRATE WAFERS AND GROUP 3 NITRIDE SUBSTRATE

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identi by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renew continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for pa based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assi and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1) Keiji Ishibashi  
Name: Keiji ISHIBASHI
- 2) Masato Irikura  
Name: Masato IRIKURA
- 3) Seiji Nakahata  
Name: Seiji NAKAHATA
- 4) \_\_\_\_\_  
Name: \_\_\_\_\_
- 5) \_\_\_\_\_  
Name: \_\_\_\_\_
- 6) \_\_\_\_\_  
Name: \_\_\_\_\_

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