
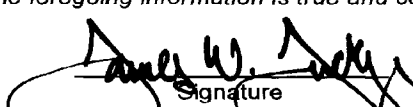


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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇌ ⇌ ⇌ ▼ To the Honorable Commissi		04-18-2005  102983419		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office ▼ ▼ ▼ ched original documents or copy thereof.	
1. Name of conveying party(ies): Akihiko Namba Takahiro Imai Hisao Takeuchi		2. Name and address of receiving party(ies) Name: Sumitomo Electric Industries, Ltd. Internal Address: _____ _____ _____ Street Address: 5-33, Kitahama 4-chome, Chuo-ku City: Osaka-shi Country JAPAN State JAPAN Zip: 541-0041 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Execution Date: June 7, 2004			
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: 06/07/2004 A. Patent Application No.(s) PCT/JP2003/016492 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: James W. Judge Internal Address: _____ Customer No. 29453 _____ Street Address: Rivière Shukugawa 3rd Fl. 3-1 Wakamatsu-cho City: Nishinomiya Country JAPAN State JAPAN Zip: 662-0035		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)			
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9. Statement and signature. <i>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.</i> James W. Judge Name of Person Signing  Signature August 31, 2004 Date Total number of pages including cover sheet, attachments, and documents: 2					

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PATENT
REEL: 016455 FRAME: 0861

ASSIGNMENT OF PATENT APPLICATION

Whereas, Akihiko NAMBA, Takahiro IMAI and Hisao TAKEUCHI

_____,
citizen(s) of Japan and hereinafter referred to as the applicant(s), has invented certain new and useful improvements in

LOW-RESISTIVITY n-TYPE SEMICONDUCTOR DIAMOND AND METHOD OF ITS MANUFACTURE

- ☒ for which the applicant(s) executed an application for United States Patent on the latest date next to the signature(s) below,
or otherwise on _____,
- ☐ for which United States Patent Application Number _____ / _____
was filed on _____,

and whereas, Sumitomo Electric Industries, Ltd., a corporation organized and existing under the laws of Japan and

hereinafter referred to as the assignee, whose mailing address is

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan

is desirous of acquiring the entire rights in the patent application named above, and insofar as the same yields any United States patent(s), the title to and interest in the same:

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the applicant(s) assigns, and transfers, unto the assignee, the entire rights in the patent application, and the title to and interest in the same insofar as the same yields any United States patent(s); and the applicant(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all any such patent(s) to the assignee, as that of the entire title to and interest in any such patent(s), for the sole use and behoof of the assignee and the assignee's legal representatives, as fully and entirely as any such patent(s) would have been held by the applicant(s) had the present assignment not been made.

In testimony whereof the applicant(s) has below executed this assignment.

Signature(s) and date(s):

<u>Akihiko Namba</u>	<u>June, 7, 2004</u>
<u>Takahiro Imai</u>	<u>June, 7, 2004</u>
<u>Hisao Takeuchi</u>	<u>June, 4, 2004</u>