

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Akinori Koukitu</td><td>02/28/2006</td></tr><tr><td>Yoshinao Kumagai</td><td>02/28/2006</td></tr><tr><td>Yoshiki Miura</td><td>03/06/2006</td></tr><tr><td>Kikurou Takemoto</td><td>03/08/2006</td></tr><tr><td>Fumitaka Sato</td><td>03/07/2006</td></tr></tbody></table>	Name	Execution Date	Akinori Koukitu	02/28/2006	Yoshinao Kumagai	02/28/2006	Yoshiki Miura	03/06/2006	Kikurou Takemoto	03/08/2006	Fumitaka Sato	03/07/2006	
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<table border="1"><tr><td>Name:</td><td>Sumitomo Electric Industries, Ltd.</td></tr><tr><td>Street Address:</td><td>5-33 Kitahama 4-chome, Chuo-ku</td></tr><tr><td>City:</td><td>Osaka-shi</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>541-0041</td></tr></table>	Name:	Sumitomo Electric Industries, Ltd.	Street Address:	5-33 Kitahama 4-chome, Chuo-ku	City:	Osaka-shi	State/Country:	JAPAN	Postal Code:	541-0041			
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PROPERTY NUMBERS Total: 1													
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Application Number:	11276966												
CORRESPONDENCE DATA													
Fax Number: (703)997-4565 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	39.074												
NAME OF SUBMITTER:	James Judge												

OP \$40.00 11276966

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PATENT
REEL: 017330 FRAME: 0988

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

Whereas, Akinori KOUKITU, Yoshinao KUMAGAI, Yoshiki MIURA, Kikurou TAKEMOTO
and Fumitaka SATO

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

GALLIUM NITRIDE BASEPLATE, EPITAXIAL SUBSTRATE, AND METHOD OF FORMING
GALLIUM NITRIDE

☒ 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):

Akinori Koukitu

Feb. 28, 2006

Yoshinao Kumagai

Feb. 28, 2006

<u>Yoshihito Omi</u>	<u>Mar. 06, 2006</u>
<u>Kikuroo Takemoto</u>	<u>Mar. 08, 2006</u>
<u>Fumitaka Sato</u>	<u>Mar. 07, 2006</u>