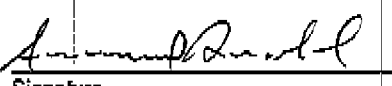
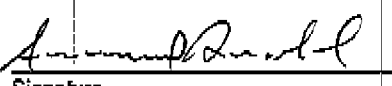
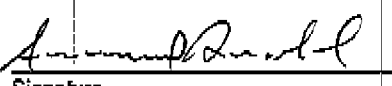


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 Client's Ref. No.: 997047-11

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).				
1. Name of conveying party(ies): Tomohiro Kawase and Masami Tatsumi Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Sumitomo Electric Industries, Ltd. 5-33, Kitahama 4-chome Chuo-ku, Osaka-shi Osaka 541-0041 JAPAN Additional names/addresses 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: 4/21/1997				
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 11/187,036 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
5. Name/address of party to whom correspondence concerning document should be mailed: SAMUEL BORODACH Fish & Richardson P.C. 601 Lexington Avenue Floor 52 New York, NY 10022	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050			
DO NOT USE THIS SPACE				
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> <table style="width: 100%;"> <tr> <td style="width: 30%; vertical-align: bottom;"> Samuel Borodach <u>Reg. No. 38.388</u> Name of Person Signing </td> <td style="width: 30%; text-align: center; vertical-align: bottom;">  Signature </td> <td style="width: 30%; text-align: center; vertical-align: bottom;"> <u>4/26/10</u> Date </td> </tr> </table>		Samuel Borodach <u>Reg. No. 38.388</u> Name of Person Signing	 Signature	<u>4/26/10</u> Date
Samuel Borodach <u>Reg. No. 38.388</u> Name of Person Signing	 Signature	<u>4/26/10</u> Date		
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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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PATENT

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ATTORNEY DOCKET NO.

3442

ASSIGNMENT

Serial No. _____

Filed _____

WHEREAS, Tomohiro KAWASE and Masami TATSUMIInsert Name(s)
of Inventor(s)Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements
in Method of Preparing Group III-V Compound Semiconductor Crystal

Insert Date
of Signing of
Application

for which an application for Letters Patent of the United States of America has been executed by the
undersigned on April 21, 1997; and

Insert Name
of AssigneeWHEREAS, Sumitomo Electric Industries, Ltd.Insert Address
of Assigneeof 5-33, Kitabatake 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is
desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in
hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration,
the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and
transfer unto said Assignee the full and exclusive right to the said invention in the United States of
America and its territories, dependencies and possessions and the entire right, title and interest and
to any and all Letters Patent(s) which may be granted therefor in the United States of America and
its territories, dependencies and possessions, and in and to any and all divisions, reissues,
continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and
any continuing, divisional or reissue applications thereof and also to execute separate assignments in
connection with such applications as the Assignee may deem necessary or expedient.

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The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention of the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) Mr. Wolfgang G. Fasse 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 U.S. Patent and Trademark Office for recordation of this document.

Date April 21, 1997, Name of Inventor Tomohiro Kawase (Tomohiro KAWASE)
(signature)

Date April 21, 1997, Name of Inventor Masami Tatumi (Masami TATSUMI)
(signature)

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)

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(signature)

Date _____, Name of Inventor _____
(signature)

Date _____, Name of Inventor _____
(signature)

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