11/579645

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11-14-2	006	16 NOV 2006
FORM PTO-1595 (Rev. 08/05)		U.S. DEPARTMENT OF COMMERC Patent and Trademark Office
To the Director of the U. S. Patent and 1 103335	892ne att	ached documents or the new address(es) below.
1. Name of Conveying Party(ies)	2. Name a	nd address of receiving party(ies)
Takatomo SASAKI, Yusuke MORI, Masashi YOSHIMURA, Fumio KAWAMURA, Seiji NAKAHATA, Ryu HIROTA	Name:	1) SUMITOMO ELECTRIC INDUSTRIES, L [*] 2) Yusuke MORI
	Internal Ad	ldress:
Additional name(s) of conveying party(ies) attached? Yes No	į.	
3. Nature of Conveyance/Execution Date(s)	Address:	1) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-sh Osaka 541-0041 Japan 2) 8-16-9, Kisaichi, Kitano-shi, Osaka 576-003 Japan
Execution Date(s): September 7, 2006; August 23, 2006; September 7, 2006; September 7, 2006; September 7, 2006		7-1-p-1-
Security Agreement Change of Name		
Joint Research Agreement		
		1
Government Interest Assignment		11/579645
☐ Executive Order 9424, Confrmatory License ☐ Other	Additional	name(s) & address(es) attached? Yes No
4. Application or patent number(s):	This do	cument is being filed together with a new applicat
A. Patent Application No(s).	B. Patent N	No(s).
Additional numbers attac	hed? 🔲 Yes	s 🗌 No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total niinvolved:	umber of applications and patents
Name: MCDERMOTT WILL & EMERY LLP	7. Total fe	ee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	Aut	horized to be charged by credit card
	⊠ Aut	horized to be charged to deposit account
Street Address: 600 13th Street, N.W.	☐ Enc	losed
	☐ Nor	ne required (government interest not affecting title
City: Washington State: D. C. Zip: 20005-3096		
Phone Number: 202.756.8000	8 Paymon	nt Information:
Fax Number: 202.756.8087	G. Laymen	n mormation.
		4.0-1
Email Address:	a. Credi	t Card Last 4 Numbers
I/AD/DAAL PEDEVA AAAAAANE BAAAAN 44EDDELP	b. Depos	Expiration Date sit Account Number 500417
1/09/2006 GFREY1 00000125 500417 11579645		prized User Name
FC:8021 40.00 DA		
Stephen A. Becker, Registration No. 26,527	<i>X</i>	November 6, 2006
Name and Registration No. of Person Signing	Signature	Date
	-	et, attachments and documents: 7

Attorney	Docket	No.:	

ASSIGNMENT

WHEREAS, Takatomo SASAKI, Yusuke MORI, Masashi YOSHIMURA, Fumio KAWAMURA, Seiji NAKAHATA, and Ryu HIROTA, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled Group III-Nitride Semiconductor Crystal and Manufacturing Method Thereof, and Group III-Nitride Semiconductor Device, for which he has:

	(a)	as (Serial No); or
August	(b) 23 and	executed an application for United States Letters Patent on September 7, 2006; or
	(c)	filed a provisional application on

WHEREAS, Sumitomo Electric Industries, Ltd., a corporation organized and existing under the laws of Japan, having a place of business at: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan, and Yusuke MORI, a citizen of Japan, residing at: 8-16-9, Kisaichi, Katano-shi, Osaka 576-0033 Japan, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery LLP 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 United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set his hands and affixed his seal.

Date:	September 7, 2006	Takatomo SASAKI	(Seal)
Date:		Yusuke MORI	(Seal)
Date:	September 7, 2006	Masashi Yoshimura	(Seal
Date:	September 7, 2006	Fumio KAWAMURA	(Seal
Date:		Seiji NAKAHATA	(Seal
Date:		Ryu HIROTA	(Seal

Attorney	Docket No.:	

(c)

ASSIGNMENT

WHEREAS, Takatomo SASAKI, Yusuke MORI, Masashi YOSHIMURA, Fumio KAWAMURA, Seiji NAKAHATA, and Ryu HIROTA, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled Group III-Nitride Semiconductor Crystal and Manufacturing Method Thereof, and Group III-Nitride Semiconductor Device, for which he has:

filed an application for United States Letters Patent on

		(4)	as (Serial No); or
August 2	23	(b) and	executed an application for United States Letters Patent on September 7, 2006; or
		(c)	filed a provisional application on as (Serial No.); and

WHEREAS, <u>Sumitomo Electric Industries</u>, <u>Ltd.</u>, a corporation organized and existing under the laws of <u>Japan</u>, having a place of business at: 5-33, <u>Kitahama 4-chome</u>, <u>Chuo-ku</u>, <u>Osaka-shi</u>, <u>Osaka 541-0041 Japan</u>, and <u>Yusuke MORI</u>, a citizen of <u>Japan</u>, residing at: <u>8-16-9</u>, <u>Kisaichi</u>, <u>Katano-shi</u>, <u>Osaka 576-0033 Japan</u>, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignee is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

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IN TESTIMONY WHEREOF, the said Assignors have hereunto set his hands and affixed his seal.

(Seal)
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(Seal)
(Seal)
_ (Seal)
(Seal)
(Seal)

Attorney	Docket	No.:	
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<u>ASSIGNMENT</u>

WHEREAS, Takatomo SASAKI, Yusuke MORI, Masashi YOSHIMURA, Fumio KAWAMURA, Seiji NAKAHATA, and Ryu HIROTA, hereinafter called the "Assignors," have jointly invented a new and useful invention entitled Group III-Nitride Semiconductor Crystal and Manufacturing Method Thereof, and Group III-Nitride Semiconductor Device, for which he has:

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		as (Serial No); or
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5-33, <u>Kitahama</u> 4-chome, <u>Chuo-ku</u>, <u>Osaka-shi</u>, <u>Osaka</u> 541-0041 <u>Japan</u>, and <u>Yusuke MORI</u>, a citizen of <u>Japan</u>, residing at: <u>8-16-9</u>, <u>Kisaichi</u>, <u>Katano-shi</u>, <u>Osaka</u> 576-0033 <u>Japan</u>, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

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IN TESTIMONY WHEREOF, the said Assignors have hereunto set his hands and affixed his seal.

Date:			(Seal)
		Takatomo SASAKI	
D ate : <u>August</u>	23, 2006	Yusuke MORI	(Seal)
Date:		Masashi YOSHIMURA	(Seal)
Date:		Fumio KAWAMURA	(Seal)
Date:		Seiji NAKAHATA	(Seal)
Date:		Rvu HIROTA	(Seal)

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