To the Commissioner of Patents and Trademarks: Please reco

1. Name of conveying party(ies):

Takatomo SASAKI (January 6, 2005)
Yusuke MORI (January 6, 2005)
Masashi YOSHIMURA (January 6, 2005)
Fumio KAWAMURA (January 6, 2005)
Kunimichi OMAE (January 11, 2005)
Tomoya IWAHASHI (January 6, 2005)
Masanori MORISHITA (January 6, 2005)

Additional name(s) of conveying party(ies) attached? Yes

Assignment Merger
Security Agreement Change of Change of Other:

Execution Date: See above

FORM PTO-1595

OMB No. 0651-0011 (exp. 4/94) M&G- 10873.1623USWO

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Patent and Trademark Office

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2. Name and address of receiving party(ies):

Osaka Industrial Promotion Organization c/o Mydome Osaka, 2-5, Honmachibashi Chuo-ku, Osaka-shi Osaka 540-0029 Japan

additional name(s) of conveying party(ics) attached? Yes No	Additional name(s) & address(es) attached? Yes No	
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Unknown		
Additional numbers attached? ☐ Yes ☒ No		
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Name: Douglas P. Mueller	7. Total fee (37 CFR 3.41): \$40.00 Enclosed	
Address: Merchant & Gould P.C.	Authorized to be charged to deposit account	
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Douglas P. Mueller (30,300)

Statement and signature:

Name of Person Signing

original document.

Signature

January 26, 2005

Date

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23552
PATENT TRADEMARK OFFICE

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name, Address, Citizenship

- 1. <u>Takatomo SASAKI</u> residing at <u>c/o Graduate School of Engineering</u>, <u>Osaka University</u>, 2-1, <u>Yamadaoka</u>, <u>Suita-shi</u>, <u>Osaka 565-0871</u>, <u>JAPAN</u> and a citizen of Japan;
- 2. Yusuke MORI residing at c/o Graduate School of Engineering, Osaka University, 2-1, Yamadaoka, Suita-shi, Osaka 565-0871, JAPAN and a citizen of Japan;
- 3. <u>Masashi YOSHIMURA</u> residing at <u>c/o Graduate School of Engineering</u>, <u>Osaka University</u>, <u>2-1</u>, <u>Yamadaoka</u>, <u>Suita-shi</u>, <u>Osaka 565-0871</u>, <u>JAPAN</u> and a citizen of <u>Japan</u>;
- 4. Fumio KAWAMURA residing at c/o Graduate School of Engineering, Osaka University, 2-1, Yamadaoka, Suita-shi, Osaka 565-0871, JAPAN and a citizen of Japan;
- 5. <u>Kunimichi OMAE</u> residing at <u>c/o Graduate School of Engineering</u>, <u>Osaka University</u>, <u>2-1</u>, <u>Yamadaoka</u>, <u>Suita-shi</u>, <u>Osaka 565-0871</u>, <u>JAPAN</u> and a citizen of Japan;
- 6. <u>Tomoya IWAHASHI</u> residing at <u>4-1-25-326</u>, <u>Kamiji</u>, <u>Higashinari-ku</u>, <u>Osakashi</u>, <u>Osaka 537-0003</u>, <u>JAPAN</u> and a citizen of <u>Japan</u>;
- 7. Masanori MORISHITA residing at c/o Graduate School of Engineering, Osaka University, 2-1, Yamadaoka, Suita-shi, Osaka 565-0871, JAPAN and a citizen of Japan;

Date Patent Declaration Signed and Title Serial No. and filing date (if known)

Name of Corporation

State or Country of Incorporation and Address

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on ______ for this invention, which application is entitled METHOD FOR PRODUCING GROUP-III-ELEMENT NITRIDE SINGLE CRYSTAL AND GROUP-III-ELEMENT NITRIDE TRANSPARENT SINGLE CRYSTAL PREPARED THEREBY and which has been given Serial Number _____ and the filing date of _____;

AND WHEREAS OSAKA INDUSTRIAL PROMOTION ORGANIZATION (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Japan</u>, and having an office and place of business at <u>c/o Mydome Osaka, 2-5</u>, <u>Honmachibashi, Chuo-ku, Osaka-shi, Osaka 540-0029, JAPAN</u>

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the

PATENT REEL: 017194 FRAME: 0183 ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

RECORDED: 01/26/2005

Takating Soisa xi	January 6, 2005
Signature	Date
Yusuke Moti	January 6, 2005
Signature	Date
Masashi Yoshimura	January 6, 2005
Signature	Date
Fumio Kawamura Signature	Date January 6, 2005
Kunimichi Omae	Date January 11, 2005
Signature	Date
Tomoya Iovahashi	January 6, 2015
Signature	Dote
Moisanori Morishita	January 6, 2005
Signature	Date

PATENT REEL: 017194 FRAME: 0184