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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Kohsei TAKAHASHI (01/26/2006) and  
Naoto HIROSAKI (01/26/2006)

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

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Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other

4. Application or patent number(s):

A. Patent Application No.(s)  
This application

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Michael S. Garrabrants  
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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 03-1952

Authorized User Name Michael S. Garrabrants

9. Signature:

*Michael S. Garrabrants*  
Signature

February 22, 2006

Michael S. Garrabrants - 51,230

Name of Person Signing

03/02/2006 LMUELLER 00000000 031952

Total number of pages including cover sheet, attachments, and documents

4

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Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: National Institute for Materials Science

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Assignee Name: \_\_\_\_\_

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Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

Yes

No

# MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

- (1) Sharp Kabushiki Kaisha
- (2) National Institute for Materials Science

(1) 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan  
(2) 1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047 Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

Oxynitride Phosphor and Semiconductor Light-Emitting Device

Attorney Docket No.: \_\_\_\_\_

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.
3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.
4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.
5. The undersigned hereby grant(s) to the firm of Morrison & Foerster 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.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

January 26, 2006

Date

*Kohsei Takahashi*

Typed Name: Kohsei TAKAHASHI

January 26, 2006

Date

*Naoto Hiroaki*

Typed Name: Naoto HIROSAKI

Date

Typed Name:

Date

Typed Name:

Date

Typed Name:

Date

Typed Name: