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FORM PTO-1595  
(Rev. 08/05)

Docket No.: 069576-0216



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

103389249

To the Director of the U. S. Patent and

ed documents or the new address(es) below.

1. Name of Conveying Party(ies)

Cheol Kyu KIM, Yung Ho RYU, Soo Min LEE, Jong In  
YANG, Tae Hyung KIM

2. Name and address of receiving party(ies)

Name: SAMSUNG ELECTRO-MECHANICS CO.,  
LTD.

Internal Address:

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

Address: 314, Maetan3-Dong, Yeongtong-Gu,  
Suwon, Gyunggi-do, REPUBLIC OF KOREA

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): March 13, 2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

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

4. Application or patent number(s):

A. Patent Application No(s).

☒ This document is being filed together with a new applicatic

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

6. Total number of applications and patents  
involved: 1

Name: MCDERMOTT WILL & EMERY LLP

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Phone Number: 202.756.8000

Fax Number: 202.756.8087

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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)r

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- a. Credit Card Last 4 Numbers \_\_\_\_\_  
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9. Signature.

Stephen A. Becker

March 16, 2007

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: 2

OMB No. 0651-0027 (exp. 6/30/2008)

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>KIM, Cheol Kyu</u>	(5) <u>KIM, Tae Hyung</u>
(2) <u>RYU, Yung Ho</u>	(6) _____
(3) <u>LEE, Soo Min</u>	(7) _____
(4) <u>YANG, Jong In</u>	(8) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto  
SAMSUNG ELECTRO-MECHANICS CO., LTD.

314, Maetan3-Dong, Yeongtong-Gu, Suwon, Gyunggi-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

NITRIDE SEMICONDUCTOR SINGLE CRYSTAL SUBSTRATE, AND METHODS OF FABRICATING  
THE SAME AND A VERTICAL NITRIDE SEMICONDUCTOR LIGHT EMITTING DIODE USING THE SAME

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_  
and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed or

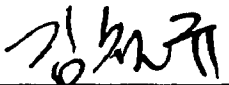
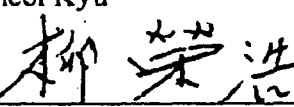

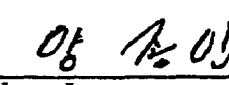
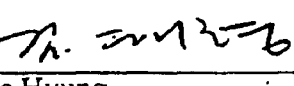
\_\_\_\_\_ and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

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2) <u></u>	<u>2007. 3. 13</u>
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Name: KIM, Tae Hyung	

PATENT