

RECORDATION FORM COVER SHEET

PATENTS ONLY

Docket No. 1455-052777

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):

Ok Hee SHIN;
Joon Gil LEE; and
Jae Woo CHOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Execution Date(s) September 5, 2005

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Corrective Assignment to correct Assignee at Reel/Frame 017020/0171

2. Name and address of receiving party(ies)

Name: Samsung Electro-Mechanics Co., Ltd.

Internal Address: _____

Street Address: 314 Maetan-3-dongYungtong-kuSuwon, Kyungki-do

State: _____

Country: Republic of Korea Zip: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

29/238,664 filed September 19, 2005

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kent E. BaldaufInternal Address: The Webb Law FirmStreet Address: 700 Koppers Building436 Seventh AvenueCity: PittsburghState: Pennsylvania ZIP: 15219-1845Phone Number: 412-471-8815Fax Number: 412-471-4094Email Address: webblaw@webblaw.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41).....\$ N/A

- ☐ 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 _____

Authorized User Name _____

9. Signature: Kent E. Baldauf

Signature

March 8, 2006

Date

Kent E. Baldauf, Reg. No. 25,826
Name of Person SigningTotal number of pages including cover sheet, attachments and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

700248844

REEL: 017319 FRAME: 0508

01/27/2006
70023079605Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103090024

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)/Execution Date(s):

Ok Hee Shin
Joon Gil Lee
Jae Woo ChoExecution Date(s) September 5, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: SAMSUNG ELECTRO-MECHANICS CO., LTD.

Internal Address: _____

Street Address: 314 Maetan-3-dong, Yongsong-gu,Seoul, Kyungki-do, Republic of Korea

City: _____

State: _____

Country: _____

Zip: _____

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.A. Patent Applications No.(s)
PTEEN1 00000023 P2224444

B. Patent No.(s)

40.00 (P)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kent E. BaldorfInternal Address: The Webb Law FirmStreet Address: 700 Koppers Building436 Seventh AvenueCity: PittsburghState: PAZip: 15219-1845Phone Number: 412-471-8815Fax Number: 412-471-4084Email Address: webblaw@webblaw.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(b) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed (w/ filing fee)
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature: _____

Signature

September 19, 2005

Date

Kent E. Baldorf

Name of Person Signing

Our File: 1453-052777

Total number of pages including cover sheet, attachments, and documents: 3Documents to be recorded (including cover sheet) should be sent to (703) 306-3794, or mailed to:
Mail Stop Assignment Registration Services, Director of the USPTO, P.O. Box 308, Alexandria, V.A. 22313-1496

(W0214057.1)

ASSIGNMENT

WHEREAS, We, Ok Hee SHIN, Joon Gil LEE and Jae Woo CHO, residing in 214 Sejong Grandia, 1013-12 Kwonsun-dong, Kwonsun-ku, Suwon, Kyungki-do, Republic of Korea; 211-2102 Byuksan Blooming Apt., 334 Gochuk-dong, Kuro-ku, Seoul, Republic of Korea; and 104-603 Joogong Apt., Maetan-4-dong, Youngtong-ku, Suwon, Kyungki-do, Republic of Korea have invented certain new and useful Improvements entitled LIGHT-EMITTING DIODE for which we have this day executed an application for United States Letters Patent;

AND, WHEREAS SAMSUNG ELECTRO-MECHANICS CO., LTD., a corporation of the Republic of Korea, having a place of business at 314 Maetan-3-dong, Youngtong-ku, Suwon, Kyungki-do, Republic of Korea hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the

same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representative thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Dated: Sept 5, 2005

Shin Ok Hee
Ok Hee SHIN

Dated: Sept 5, 2005

Lee Joon Gil
Joon Gil LEE

Dated: Sept 5, 2005

Cho Jae Woo
Jae Woo CHO

TOTAL P.06