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Attorney Docket No. 5000-1-569

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):

Seung-Woo KIM; Jeong-Seok LEE;
Seung-Taek HWANG

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: March 19, 2004

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

Name: SAMSUNG ELECTRONICS CO.: LTD.

Address: 416, MAETAN-DONG, YEONGTONG-GU

SUWON-SI, GYEONGGI-DO

REPUBLIC OF KOREA

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

22859 U.S. PTO
10/806549



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 19, 2004

A. Patent Application No.(s)

10806549

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Steve Cha

Address: CHA & REITER
210 Route 4 East, Suite #103
Paramus, New Jersey 07652

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed

Authorized to be charged to deposit account, if necessary
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8. Deposit account number: 502-470
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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3/23/04
Date

Total number of pages including cover sheet, attachments, and document: 3

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(BDSM 8)
(9/94)

PATENT
REEL: 015133 FRAME: 0177

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Seung-Woo KIM of
#402, 10-11, Yangjae-dong, Seocho-gu, Seoul, Republic of Korea
- 2) Jeong-Seok LEE of
#106-805, Eunhasu Cheonggu APT., 1104, Bisan-dong, Dongan-gu, Anyang-si, Gyeonggi-do,
Republic of Korea
- 3) Seong-Taek HWANG of
#102-303, Daerim APT., Dokgok-dong, Pyeongtaek-si, Gyeonggi-do, Republic of Korea

(hereinafter **Assignor**) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONIC CO., LTD. of
416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. § 1.00, in and to the invention entitled as:

BROAD-BAND LIGHT SOURCE USING A SEMICONDUCTOR OPTICAL AMPLIFIER

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**, any patent or reissues of any patent that may be granted thereon, and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent.

Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee's** interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee's** interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Seung-Woo KIM

Seung-Woo KIM

Signature of inventor

Dated: March 19, 2004

WITNESSED: Jong-Hee KIM

Name of ~~Third Inventor~~: Jeong-Seok LEE

Jeong-Seok Lee

Signature of inventor

Second Inventor

Dated: March 19, 2004

WITNESSED: Jong-Hee KIM

Name of ~~Second Inventor~~: Seong-Taek HWANG
Third

Seongtaek Hwang

Signature of inventor

Dated: March 19, 2004

WITNESSED: Jong-Hee KIM