



SHEET

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Attorney Docket No. 5000-1-3

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):
 Seung-Kee YANG 12/10/02
 Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
 Execution Date: December 5, 2002

2. Name and address of receiving party(ies):
 Name: SAMSUNG ELECTRONICS CO.; LTD.
 Address: 416. MAETAN-DONG. PALDAL-GU
SUWON-CITY, KYUNGKI-DO
KOREA, REPUBLIC OF KOREA
 Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): 10/315841
 If this document is being filed together with a new application, the execution date of the application is: December 5, 2002
 A. Patent Application No.(s)
 B. Patent No.(s)
 Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Steve Cha
 Address: CHA & REITER
411 Hackensack Avenue, 9th Floor
Hackensack, New Jersey 07601

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account, if necessary - for overages or underpayments only
 8. Deposit account number: 502-470
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9. Statement and signature.
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.

Steve Cha, Reg No.44,069 [Signature] 12/10/02
 Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to:

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10/315841
 12/10/02

PTO/SB/15

Docket No.: 5000-1-314

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,

Seung-Kee YANG of #730-1401, Salgugol 7-danji, Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea

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

SAMSUNG ELECTRONIC CO., LTD. of
416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA
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:

PHOTODIODE FOR ULTRA HIGH SPEED OPTICAL COMMUNICATION AND FABRICATION METHOD THEREFOR
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-Kee YANG

Seung-kee YANG
Signature of inventor

Dated: Dec. 5, 2002

WITNESSED: Jong-Hee KIM