(Rev. 6/93)	102417909 Patent and Trademark Office PATENTS ONLY Attorney Docket No. 5000-1-403
To the /	Assistant Commissioner for Patents
 Name of conveying party(ies): Hee-Chan DOH; Gil-Yong PARK; Shin-Hee W Yun-Je OH; Tae-Sung PARK; Hyeon-Cheol K Additional name(s) of conveying party(ies) attached? [] Yes Nature of conveyance:	Address: _416. MAETAN-DONG. PALDAL-GU <u>SUWON-CITY. KYUNGKI-DO</u> <u>KOREA. REPUBLIC OF KOREA</u> Name Additional name(s) & address(es) attached? [] Yes [X] No
 Application number(s) or patent number(s): If this document is being filed together with a new a A. Patent Application No.(s) IOHAWGAdditional number(s) 	application, the execution date of the application is: April 1, 2003 B. Patent No.(s) April 1, 2003 numbers attached? [] Yes [X] No acconcerning 6. Total number of applications and patents involved:
5. Name and address of party to whom correspondence	e concerning 6. Total number of applications and patents involved: <u>1</u>
 Name and address of party to whom correspondence document should be mailed: Name: <u>Steve Cha</u> Address: CHA & REITER 411 Hackensack Avenue, 9th Floor Hackensack, New Jersey 07601 	e concerning 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 [X] Enclosed [X] Authorized to be charged to deposit account, if necessary - for overages or underpayments only 8. Deposit account number: 502-470 (Attach duplicate copy of this page if paying by deposit account)
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 Name and address of party to whom correspondence document should be mailed: Name: <u>Steve Cha</u> Address: CHA & REITER 411 Hackensack Avenue, 9th Floor Hackensack, New Jersey 07601 	6. Total humber of applications and patents involved. 7. Total fee (37 CFR 3.41): §40.00 [X] Enclosed [X] Authorized to be charged to deposit account, if necessary - for overages or underpayments only 8. Deposit account number: 502-470 (Attach duplicate copy of this page if paying by deposit account)

PATENT REEL: 013937 FRAME: 0041 PTO/SB/15

Docket No.: 5000-1-403

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,

- Hee-Chan DOH of #323-1001, Kwonsondaewoo APT., Kwonson-dong, Kwonson-gu, Suwon-shi, Kyonggi-do, Republic of Korea
- Gil-Yong PARK of #517-1505, Shinnamushil Jugong5 danji APT., Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea
- Shin-Hee WON of 960, Togok-dong, Kangnam-gu, Seoul, Republic of Korea
- 4) Yun-Je OH of #102-202, Dongilhivill, Unnam-ri, Kusong-myon, Yongin-shi, Kyonggi-do, Republic of Korea
- Tae-Sung PARK of #554-104, Jinhung APT., Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea
- Hyeon-Cheol KI of 690-1, Tonam-dong, Songbuk-gu, Seoul, 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. $\S1.00$, in and to the invention entitled as:

SIGNAL LEVEL DETECTING DEVICE FOR A BURST-MODE OPTICAL RECEIVER

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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 Assignce; and Assignor further conveys to Assignce 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):

Hee-Chan DOH Name of First Inventor:

Hee-chan Doff Signature of inventor

Dated: Apr/1, 2003

WITNESSED: Jong -Her KIM

Name of Second Inventor: Gil-Yong PARK

Gil-Tong PARIC

Dated: Apr.1, 2003

WITNESSED: Jong-Hee KIM

Name of Third Inventor: Shin-Hee WON

Shin - Hee WON Signature of inventor

Dated: Apr.1, 2003

WITNESSED: Jong -Hee KIM

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PATENT REEL: 013937 FRAME: 0043 Name of forth Inventor: Yun-Je OH

<u>Yun-je</u> oy Signature of inventor

Dated: Apr.1, 2003

WITNESSED: Jong Hee KZM

Name of fifth Inventor: Tae-Sung PARK

TAE - GMNG PARK Signature of inventor

Dated: Apr. 1, 2003

WITNESSED: Jong-Hee KIM

Name of sixth Inventor: Hyeon-Cheol KI

Hypen - cheal KZ Signature of inventor

Dated: Apr. 1, 2003 WITNESSED: Jong -Hee KZM