

RECO

04-23-2003



Attorney Docket No. 5000-1-402

To the Patent Office 102427315

1. Name of conveying party(ies): 4.15.03  
 Hee-Chan DOH; Hyeon-Cheol KI; Yun-Je OH;  
 Gil-Yong PARK; Tae-Sung PARK; Shin-Hee WON

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name

Other: \_\_\_\_\_

Execution Date: April 7, 2003

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): 10413979

If this document is being filed together with a new application, the execution date of the application is: April 7, 2003

A. Patent Application No.(s) \_\_\_\_\_ 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  
411 Hackensack Avenue, 9th Floor  
Hackensack, New Jersey 07601

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 - for overages or underpayments only

8. Deposit account number: 502-470  
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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  
 Name of Person Signing

[Signature]  
 Signature

4/15/03  
 Date

Total number of pages including cover sheet, attachments, and document: 4

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

04/17/2003 SDIRET01 00000015 10413979

02 FC:8021

40.00 OF

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

10/413979 U.S. PTO



04/15/03

## 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) Hee-Chan DOH of  
#323-1001, Kwonsondaewoo APT., Kwonsong-dong, Kwonsong-gu, Suwon-shi, Kyonggi-do,  
Republic of Korea
- 2) Hyeon-Cheol KI of  
690-1, Tonam-dong, Songbuk-gu, Seoul, Republic of Korea
- 3) Yun-Je OH of  
#102-202, Dongilhivill, Unnam-ri, Kusong-myon, Yongin-shi, Kyonggi-do,  
Republic of Korea
- 4) Gil-Yong PARK of  
#517-1505, Shinnamushil Jugong5 danji APT., Youngtong-dong, Paldal-gu, Suwon-shi,  
Kyonggi-do, Republic of Korea
- 5) Tae-Sung PARK of  
#554-104, Jinhung APT., Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do,  
Republic of Korea
- 6) Shin-Hee WON of  
960, Togok-dong, Kangnam-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. § 1.00, in and to the invention entitled as:

**BURST-MODE OPTICAL RECEIVER OF DIFFERENTIAL OUTPUT STRUCTURE**

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:** Hee-Chan DOH

Hee-Chan DOH  
Signature of inventor

Dated: Apr. 7, 2003

WITNESSED: Jong-Hee KZM

**Name of Second Inventor:** Hyeon-Cheol KI

Hyeon-cheol KI  
Signature of inventor

Dated: Apr. 7, 2003

WITNESSED: Jong-Hee KZM

**Name of Third Inventor:** Yun-Je OH

Yun-Je OH  
Signature of inventor

Dated: Apr. 7, 2003

WITNESSED: Jong-Hee KZM

Name of fourth Inventor: Gil-Yong PARK

Gil-Yong PARK

Signature of inventor

Dated: Apr. 7, 2003

WITNESSED: Jong-Hee KIM

Name of fifth Inventor: Tae-Sung PARK

TAE-SUNG PARK

Signature of inventor

Dated: Apr. 7, 2003

WITNESSED: Jong-Hee KIM

Name of sixth Inventor: Shin-Hee WON

Shin-Hee WON

Signature of inventor

Dated: Apr. 7, 2003

WITNESSED: Jong-Hee KIM