FORM PTO-1595 (Rev. 6/93)

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PATENTS ONLY Attorney Docket No. 5000-1-196			
To the Assistant Commissioner for Patents			
1. Name of conveying party(ies): 5-10-01	2. Name and address of receiving party(ies):		
Sang-Ho KIM; Jun-Ho KOH; Kwang-Jin YANG	Name:SAMSUNG ELECTRONIC CO., LTD.		
Additional name(s) of conveying party(ies) attached? [1 Yes [X] No 3. Nature of conveyance: [X] Assignment [1] Merger [1] Security Agreement [1] Change of Name Other: Execution Date: May 3, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s)	Address: 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA, REPUBLIC OF KOREA Additional name(s) & address(es) attached? [] Yes [X] Ng 15 E execution date of the application is: May 3, 2001 B. Patent No.(s)		
5. Name and address of party to whom correspondence concerning document should be mailed:	hed? [] Yes [X] No 6. Total number of applications and patents involved:		
Name: <u>DAVID A. JACKSON</u> Address: <u>KLAUBER & JACKSON</u> 411 Hackensack Avenue, 4th Floor Hackensack, New Jersey 07601	7. Total fee (37 CFR 3.41): \$40.00 [X] Enclosed [] Authorized to be charged to deposit account, if necessary for overages or underpayments only 8. Deposit account number: 11-1153 (Attach duplicate copy of this page if paying by deposit account)		
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> (BDSM 8) (9/94)

REEL: 011811 FRAME: 0517

PTO/SB/15

Customer No.: 23565
Docket No.: 5000-1-196

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,

- Sang-Ho KIM of
 Seokchon-dong, Songpa-gu, Seoul, Republic of Korea
- 2) Jun-Ho KOH of 77, Kumi-dong, Pundang-gu, Songnam-shi, Kyongggi-do, Republic of Korea
- 3) Kwang-Jin YANG of 344-2, Eonnam-ri, Kuseong-myeon, Yongin-shi, Kyongggi-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:

"Self-Adristing Bit Rate Transducer in Optical Transmission System"

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:
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Sang-Ho KIM

Sang-Ho Kim
Signature of inventor

Dated: Hay 3, 200 | WITNESSED: Ferral

Name of Second Inventor: Jun-Ho KOH

Jun-ho Koh Signature of inventor

Dated: Hay 3, 2001
WITNESSED: Fring

Name of Third Inventor: Kwang-Jin YANG

K. J. Jany
Signature of inventor

Dated: May 3, 200 | WITNESSED: January

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PATENT REEL: 011811 FRAME: 0519