

10-30-2002



Form PTO-1595 (Rev. 03/01)

RECORDATION 102265133

DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

PATENTS ONLY

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Scong-Tae Hwang; Young-Hoon Joo
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: Samsung Electronic Co., Ltd. Internal Address: 416, Maetang-Dong, Paldal-Gu, Suwon-City Kyungki-do, Republic of Korea Street Address: City: State: Zip: Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: October 24, 2002

4. Application number(s) or patent number(s): 10/279528 If this document is being filed together with a new application, the execution date of the application is: 10-24-02 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, Esq. Internal Address: CHA & REITER 411 Hackensack Ave, 9th floor Hackensack, NJ 07601 Street Address: City: State: Zip:

6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to deposit account 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 Date 10/24/02

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

10/28/2002 AADDFD1 00000036 10279528

02 FC:8021

40.00 DP

10/27/02 PTO 10/24/02

PTO/SB/15

Customer No.:33942

Docket No.:

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) Seong-Taek HWANG of
#102-303, Daerim APT., Dokgok-dong, Pyongtaek-shi, Kyonggi-do,
Republic of Korea
- 2) Young-Hoon JOO
151-1, Nongseo-ri, Kihung-eup, Yongin-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

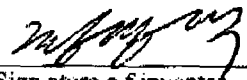
(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. 1.00, in and to the invention entitled as:

**WIDE-BAND ERBIUM-DOPED FIBER AMPLIFIER AND WAVELENGTH DIVISION
MULTIPLEXING 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.

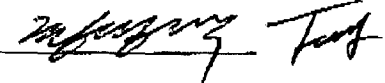
SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of sole or first Inventor: Seong-Taek HWANG




Signature of inventor

Dated: Oct. 23, 2002

WITNESSED: 

Name of Second Inventor: Young-Hoon JOO



Signature of inventor

Dated: Oct. 23, 2002

WITNESSED: 