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Attorney Docket No: 5020-1-019

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):
Young-Sik YOON; Yeong-Seop LEE; Jin-Han KIM;
Won-Taek HAN; Seong-Min JU; Dea-Hwan OHAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Other: _____

Execution Date: December 11, 2009

2. Name and address of receiving party(ies):

Name: SEHF-Korea Co., Ltd.Address: 2nd Samsung Electronics Co., 94-1,Imsu-dong, Gumi-si, Gyeongsangbuk-do,Republic of KoreaAdditional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 11, 2009

A. Patent Application No.(s)

12/638,014

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 ChaAddress: CHA & REITER
210 Route 4 East, Suite #103
Paramus, New Jersey 076526. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☒ Enclosed☒ Authorized to be charged to deposit account, if necessary
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9. Statement and signature.

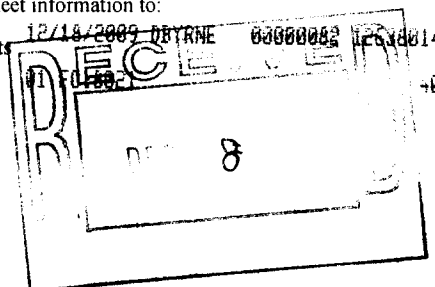
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Steve Cha, Reg No.44,069
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Assistant Commissioner for Patents
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(9/94)

PATENT

REEL: 023695 FRAME: 0247

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) Young-Sik YOON of
#208-404, Kolon Haneulchae, Chimsan 2-dong, Buk-gu, Daegu, Republic of Korea
- 2) Yeong-Seop LEE of
#102-1504, Hanshin APT., 183, Songjeong-dong, Gumi-si, Gyeongsangbuk-do,
Republic of Korea
- 3) Jin-Han KIM of
#104-2803, Daelim e-Pyeonhansesang, Suseong-dong 4-ga, Suseong-gu, Daegu,
Republic of Korea
- 4) Won-Taek HAN of
#102-206, Geumgwang APT., 757-7, Wolgye-dong, Gwangsan-gu, Gwangju,
Republic of Korea
- 5) Seong-Min JU of
#1206-1102, Chomdan 6-Cha Buyeong Saranguero APT., Sanwol-dong, Gwangsan-gu,
Gwangju, Republic of Korea
- 6) Dea-Hwan OH of
#202-1001, Pungrim 2 Cha APT., Hyeonggok-dong, Gumi-si, Gyeongsangbuk-do,
Republic of Korea

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

SEHF-Korea Co., Ltd. of
2nd Samsung Electronics Co., 94-1, Imsu-dong, Gumi-si, Gyeongsangbuk-do,
Republic Of Korea

Gwangju Institute of Science and Technology of
1, Oryong-dong, Buk-gu, Gwangju, 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:

LOW BEND LOSS OPTICAL FIBER

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: Young-Sik YOON


Signature of inventor

Dated: 2009. 12. 11

WITNESSED: _____

Name of Second Inventor: Yeong-Seop LEE


Signature of inventor

Dated: 2009. 12. 11

WITNESSED: _____

Name of Third Inventor: Jin-Han KIM


Signature of inventor

Dated: 2009. 12. 11

WITNESSED: _____

Name of Forth Inventor: Won-Taek HAN


Signature of inventor

Dated: 2009. 12. 11

WITNESSED: _____