

03-06-2006

Docket No.: YPL-0249

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



103191027

Tab settings

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Byoung-lyong CHOI, Wan-jun PARK, Eun-kyung LEE,
Jae-woong Hyun**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: **Samsung Electronics Co., Ltd.**

Address: **416, Maetan-dong, Yeongtong-gu**

113260 U.S. PTO
11/362897
022706

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

City: **Suwon-si** State/Prov.: **Gyeonggi-do**

Country: **Republic of Korea** ZIP:

Execution Date: **February 25, 2006**

Additional name(s) & address(es) ☐ Yes ☒ No

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

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

Patent Application No.

Filing date

B. Patent No.(s)

03/03/2006 DBYRNE 00000234 061130 11362897

01 FC:8021 40.00 DA

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Amy Bizon-Copp**

Registration No. **53,993**

Address: **Cantor Colburn LLP**

55 Griffin Road South

City: **Bloomfield** State/Prov.: **CT**

Country: **USA** ZIP: **06002**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ **40.00**

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1130

(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.

Amy Bizon-Copp

Name of Person Signing

Amy Bizon-Copp
Signature

February 27, 2006

Date

3

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

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 017628 FRAME: 0387

ASSIGNMENT

WHEREAS We, [Byoung-lyong Chol] of [Ga-103 Sinsung Villa, 593-94 Bangbae 3-dong, Seocho-gu, Seoul, Republic of Korea], [Wan-jun Park] of [19-408 Cheongil Apt., 610 Daechi-dong, Gangnam-gu, Seoul, Republic of Korea], [Eun-kyung Lee] of [202-502 Woonam Firstville, 1274 Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea] and [Jae-woong Hyun] of [751 Ganeung-dong, Uijeongbu-si, Gyeonggi-do, Republic of Korea] (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

(SILICON NANO WIRES, SEMICONDUCTOR DEVICE INCLUDING THE SAME, AND METHOD OF MANUFACTURING THE SILICON NANO WIRES)

which claims priority to [Korean] Application Nos. 10-2005-0016184 and 10-2006-0009821 filed on 25 February 2005 and 1 February 2006,

and for which We are about to file an application for Letters Patent of the United States;

AND WHEREAS, [Samsung Electronics Co., Ltd.] (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of [Republic of Korea], having a place of business at [416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea], is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will

execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 25 Feb. 2006

Choi Byoung Lyong L.S.
[Byoung-lyong Choi]

Date: 25 Feb. 2006

Wan-jun Park L.S.
[Wan-jun Park]

Date: 25 Feb. 2006

Eun-kyung Lee L.S.
[Eun-kyung Lee]

Date: 25 Feb. 2006

Jae-woong Hyun L.S.
[Jae-woong Hyun]