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Patent and Trademark Office

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102267139

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

1. Name of conveying party(ies):

YOON-KYOUNG CHO
SUN-HEE KIM
KWANG-WOOK OH
GEUN-BAE LIM
DAE-SUNG YOON

10/23/02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: Samsung Electronics Co., Ltd.

Internal Address: 416 Maetan-dong, Paldal-gu,

Suwon-city, Kyungki-do, 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 17, 2002

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

10/278691

If this document is being filed together with a new application, the execution date of the application is: October 17, 2002

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: Daniel F. Drexler

Internal Address: CANTOR COLBURN LLP

10/30/2002 6TON11 00000127 10278691

01 FC:8021

40.00 00

Street Address: 55 Griffin Road South

City: Bloomfield State: CT 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)

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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.

Daniel F. Drexler, Reg. No. 47,535

Name of Person Signing

Signature

October 23, 2002

Date

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

3

ASSIGNMENT

WHEREAS, I/WE

Yoon-kyoung Cho, residing at 203-1605 Hwanggol Maeul Sinmyeong Apt., 1053-2 Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do Rep. of Korea.

Sun-hee Kim, residing at 102-304 Hwanggol Jugong Apt., 955-1 Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Korea.

Kwang-wook Oh, residing at 106-902 Cheongsol Maeul Youngnam Apt., 177 Geumgok-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Rep. of Korea,

Geun-bae Lim, residing at 232-1205 Hwanggol Maeul Poonglim Apt., 1053-2 Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Rep. of Korea.

Dae-sung Yoon, residing at 101, 247-2 Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Rep. of Korea.

have invented certain new and useful improvement in:

Title: **METHOD AND SENSOR FOR DETECTING THE BINDING OF BIOMOLECULES BY SHEAR STRESS MEASUREMENT**

for which I/WE have filed an application for Letters Patent of the United States;

AND WHEREAS. Samsung Electronics Co., Ltd., a corporation organized and existing under the laws of Republic of Korea, having a place of business at 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Rep. of Korea is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and the Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for and in consideration of one(\$ 1.00) dollar to me/us in hand paid, and other good and valuable considerations, the receipt of all of which is hereby acknowledged, I/We, the said

Yoon-kyoung Cho, Sun-hee Kim, Kwang-wook Oh,
Geun-bae Lim, and Dae-sung Yoon,

have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Samsung Electronics Co., Ltd., 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 I/We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said

applications and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuation-in-part, divisions and reissues thereof, to the said Samsung Electronics Co., Ltd., as assignee of the entire right, title and interest in and to the same, for the sole use and behoof of Samsung Electronics Co., Ltd., its successors and assigns; and **I/We** will execute all papers necessary in connection with the United States applications and foreign applications when called upon to do so by the said Samsung Electronics Co., Ltd. its successors or assigns, and that **I/We** will, at the cost and expense of the said Samsung Electronics Co., Ltd., 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: 10/17/02 Yoon-kyoung Cho Yoon-kyoung Cho L.S.

Date: 10/17/02 Sun-hee Kim Sun-hee Kim L.S.

Date: 10/17/02 Kwang-wook Oh Kwang-wook Oh L.S.

Date: 10/17/02 Geun-bae Lim Geun-bae Lim L.S.

Date: 10/17/02 Dae-sung Yoon Dae-sung Yoon L.S.