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1. Name of conveying party(ies):

1. Seong Jae Choi 2. Jae Ho Lee
3. Jae Young Choi 4. Eun Sung Lee
5. Don Ik Lee

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: August 16, 2006

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

Name: Samsung Electronics Co., Ltd.Address: 416 Maetan-dong, Yeongtong-gu, Suwon-siGyeonggi-do

City: _____ State/Prov.: _____

Country: Republic of Korea ZIP: _____

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: August 16, 2006

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: Cantor Colburn, LLP / Dean Y. ShahriariRegistration No. 56,783Address: 55 Griffin Road SouthCity: Bloomfield State/Prov.: CTCountry: U.S.A. 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

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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.*Dean Y. Shahriari

Name of Person Signing

Signature

3

Date

8/30/06

09/07/2006

01 FC-8021

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PATENT

REEL: 018261 FRAME: 0443

ASSIGNMENT

WHEREAS We, Seong Jae CHOI of 102-1408, Seongwon Apartment, Mok-3dong, Yangcheon-gu, Seoul, 158-791 Republic of Korea; Jae Ho LEE of 303-1305, Saeteomaeul Moamiraedo Apartment, Jukjeon-dong, Suji-gu, Yongin-si, Gyeonggi-do, 449-162 Republic of Korea; Jae Young CHOI of 155-802, Hwanggolmaeul Jugong 1danji Apartment, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-740 Republic of Korea; Eun Sung LEE of 413-58, Yeonhui-1dong, Seodaemun-gu, Seoul, 120-831 Republic of Korea; and Don Ik LEE of 205-103, Jugong Apartment, Galsan-dong, Ichon-si, Gyeonggi-do, 467-070 Republic of Korea, (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

**DISPERSANT FOR DISPERSING NANOPARTICLES IN AN EPOXY RESIN, METHOD
FOR DISPERSING NANOPARTICLES USING THE SAME, AND
NANOPARTICLE-CONTAINING THIN FILM COMPRISING THE SAME**

which claims priority to Korean Application No. 10-2005-0109607, filed on November 16, 2005,

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

AND WHEREAS, Samsung Electro-Mechanics Co., Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea, having a place of business at 314 Maetan 3-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: Aug. 16, 2006

Seong Jae Choi L.S.
Seong Jae CHOI

Date: Aug. 16, 2006

Jae Ho Lee L.S.
Jae Ho LEE

Date: Aug. 16, 2006

Jae Young Choi L.S.
Jae Young CHOI

Date: Aug. 16, 2006

Eun Sung Lee L.S.
Eun Sung LEE

Date: Aug. 16, 2006

Don Ik Lee L.S.
Don Ik LEE

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10-2005-0109607
PHO-0039