

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the assignee's name previously recorded on Reel 018261 Frame 0443. Assignor(s) hereby confirms the assignee name is Samsung Electro-Mechanics Co., Ltd. not Samsung Electronics Co., Ltd..												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Seong Jae CHOI</td><td>08/16/2006</td></tr><tr><td>Jae Ho LEE</td><td>08/16/2006</td></tr><tr><td>Jae Young CHOI</td><td>08/16/2006</td></tr><tr><td>Eun Sung LEE</td><td>08/16/2006</td></tr><tr><td>Don Ik LEE</td><td>08/16/2006</td></tr></tbody></table>		Name	Execution Date	Seong Jae CHOI	08/16/2006	Jae Ho LEE	08/16/2006	Jae Young CHOI	08/16/2006	Eun Sung LEE	08/16/2006	Don Ik LEE	08/16/2006
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Don Ik LEE	08/16/2006												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>SAMSUNG ELECTRO-MECHANICS CO., LTD.</td></tr><tr><td>Street Address:</td><td>314 Maetan 3-dong, Yeongtong-gu</td></tr><tr><td>Internal Address:</td><td>Suwon-si</td></tr><tr><td>City:</td><td>Gyeonggi-do</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr></table>		Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.	Street Address:	314 Maetan 3-dong, Yeongtong-gu	Internal Address:	Suwon-si	City:	Gyeonggi-do	State/Country:	REPUBLIC OF KOREA		
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11512967</td></tr></tbody></table>		Property Type	Number	Application Number:	11512967								
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Application Number:	11512967												
CORRESPONDENCE DATA													
Fax Number: (860)286-0115 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	PHO-0039												
NAME OF SUBMITTER:	/James J. Merrick/												

CH \$40.00 11512967

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PATENT
REEL: 020310 FRAME: 0364

Total Attachments: 5

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PATENT

REEL: 020310 FRAME: 0365

8.30.06

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08A/REV04

09-08-2006

Docket No.:

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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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):

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

113261 U.S. PTO
11/512967
Q83006

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

(Attach duplicate copy of this page if paying by deposit account)

0000095 061130
11/512967
Q83006

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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

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

09/07/2006 MAMH1
01 FC-8021

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, Saeteomauel Moamiraedo Apartment, Jukjeon-dong, Suji-gu, Yongin-si, Gyeonggi-do, 449-162 Republic of Korea; Jae Young CHOI of 155-802, Hwanggolmauel 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, Icheon-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

SU-0234
10-2005-0109607
PHO-0039