| Form PTO-1595 (Rev. inh. 0.4)<br>OMB No. 0651-0027 (exp. 6/30/2005)  | U.S. DEPARTMENT OF GOMMERO<br>United States Patent and Trademark Offic   |
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| RECORDATION FOR  |  |
| PATENT   | S ONLY   |
| To the Director of the U.S. Patent and Trademark Office: Please  | e record the attached documents or the new address(es) below.  |
| Name of conveying party(les)/Execution Date(s):  | 2. Name and address of receiving party(les)  |
| YUN-KYOUNG CHO (10/27/2009), SEON-MO   |  |
| SON (10/21/2009), BONG-KEUN LEE  |  |
| (10/21/2009), TAE-BIN AHN (11/06/2009),  | Narie: LG CHEM, LTD.   |
|  | Internal Address:  |
| Execution Date(s), in parentheses after inventor name  | Street Address:  |
| Additional name(s) of conveying party(ies) attached? X Yes No  |  |
|  | LG TWIN TOWERS   |
| 3. Nature of Conveyance:   | 26, YEOUIDO-DONG<br>YEONGDEUNGPO-GU  |
| X Assignment Merger  |  |
| Security Agreement Change of Name  | CitySEOUL  |
| Government Interest Assignment   | State:   |
| Executive Order 9424, Confirmatory License   | Country: Republic of Korca Zip: 150-721  |
| X Other Corrective assignment to correct assigned's zip code in Reef 023524/Frame 0912   | Additional name(s) & address(es)  Yes X No   |
|  |  |
| 4. Application or patent number(s):  | This document is being filed together with a new application.  |
| A Palent Application No.(s)  | E. Patent No.(s)   |
| 12/525,575   |  |
|  |  |
| Additional numbers attached?   | ? Yes X No   |
| <ol> <li>Name and address to whom correspondence<br/>concerning document should be malled:</li> </ol>  | 6. Total number of applications and patents involved:  |
| Name: Kelly Y. Hwang   | The second secon |
| LERNER, DAVID, LITTENBERG,<br>KRUMHOLZ & MENTLIK, LLP  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  |
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| Internal Address, Atty. Dkt.: LGCHEM 3.3-115   | Authorized to be charged by credit card  |
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| Street Address: 600 South Avenue West  | Authorized to be charged to deposit account  |
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|  | Enclosed   |
|  | None required (government interest not affecting title)  |
| City: Westfield  | 8. Payment Information   |
| State: NJ Zip: 07090   | a. Credit Card Last 4 Numbers  |
| Phone Number: (908) 518-6320   | Expiration Date  |
| Fax Number: (908) 654-0415   | b. Deposit Account Number 12-1095  |
| Email Address: khwang@ldikm.com  | Authorized User Name Kelly Y. Hwang  |
| 9. Signature:  |  |
| - ANN DOD  | November 24, 2009  |
| Signature Sattle Williams Ed 821   | Date   |
| Kelly X. Hwang - 51,831  Name of Person Signing  | Total number of pages including covor shout, attachments, and documents.   |

PATENT REEL: 023568 FRAME: 0791

| Form PTO-1595                                | RECO                  | RDATION FORM COVER SHEET (CONTINUED)        |                                  |
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| Additional Conve                             | ying Party(ies)/Exe   | cution Date(s) (1. Continue                 | ed):                             |
| Han-jong You (10/                            | 27/2009), and Sung-ta | e Ahn (11/04/2009)                          |                                  |
| Additional Assign                            | nees (2. Continued)   |   |                                  |
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| Additional Applica                           | ations and/or Patent  | ts (4. Continued):                          |                                  |
| Additional Patent Applicat<br>4A. Continued; | ion Numbers           | Additional Patent Numbers<br>4B, Continued: | 5                                |
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Docket No.: LGCHEM 3,3-115

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'O:KELLY Y. HWANG COMPANY:LERNER, DAVID, LITTENBERG, ET AL

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| RECORDATION FOR  | RM COVER SHEET   |
| PATENTS  | 5 ONLY   |
| To the Discusor of the O.S. Patent and Trydemark Office: Please        | record the attached documents of the new address (ns.) below.  |
| 1. Name of conveying party(les)/Execution Date(s):                     | 2. Name and address of receiving party(les)  |
| YUN-KYOUNG CHO (10/27/2009), SEON-MO                                   |  |
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| Additional name(s) in Legislatina partyllogi attachest/   X   YUU   No | LG TWIN TOWERS   |
| 3. Nature of Conveyance:   | 26, YEOUIDO-DONG   |
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| A Patent Applicancer (40 fb)   | 1) Patent No.(a)   |
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| 5. Name and address to whom correspondence                             | G. Total number of applications and  |
| concurring occurrent should be mailed:                                 | patents involved;  |
| Name: Kolly Y. Hwang   |  |
| LERNER, DÁVID, LITTENBERG,<br>KRUMMOLZ & MENTL)K, LLP                  | 7. Total fee (37 CFH 1,21(b) & 341) S 40.00  |
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| Fax Number (908) 654-0415  | 6 Deposit Account Number 12-1095   |
| Emoil Address:khwang@ldlkm.com   | Authorized User Namo Kelly Y. Hwang  |
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'O: KELLY Y. HWANG COMPANY: LERNER, DAVID, LITTENBERG, ET AL

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| Form SUFF ENDS   | RECORDA                  | TION FORM COVER SHEET<br>(CONTINUEC)   |  |                              |
|--|--------------------------|--|--|------------------------------|
|  |                          | tion Date(s) (1. Continu   | ⊭ed):  |                              |
| Hun-jong You (19/27.   | /2009), and Sung-tae A   | Im (11/04/2009)  |  |                              |
| Additional Assigne   | es (2. Continued):       | <del>/. · · · · · · · · · · · · · · · · · · ·</del>  |  | DE V - D - VIII D            |
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Docket No.: LGCHEM 3.3-115

| former PTO/SR48 (A.O<br>Docket Number (Optional)   |   |
|--|---|
| ASSIGNMENT OF UTILITY APPLICATION  | LGCHEM 3.3-115  |
| Whereas, I, Yun-kyoung Cho   | ie.   |
| 103+803 Baekhap Apt , Wolpycong 2-dong; Seo-gu; Da   |   |
| hereafter referred to as assignor, have with others invented card<br>LOW SURFACE GLOSS STYRENE RESIN COMPO<br>SHEET AND COMPOSITE ARTICLE THEREFROM  | ain new and useful improvements in  |
| (x) for which an application for a United States Letters Fat<br>Application Number 12/525,575  | ent was filed on August 3, 2009   |
| for which an application for a United States Letters Pale  | nt was executed by me on  |
| x for which an International Application was filed on  | January 30, 2008 as   |
| _ <u>PCT/KR2008/000559</u> , designating the United  | ! States.   |
| Whereas, LG Chem, Ltd.   |   |
| corporation of Korea, Republic of herein referred to as "assign  | nee" whose mailing address is   |
| LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Sc  |   |
| s desirous of acquiring the entire right, title and interest in the sa   | ame;  |
| essignee my online right, title and interest for the United State<br>evention and the aforesaid utility patent application and all of<br>applications and patents applied for or granted therefor in the<br>laid invention, including without limitation all applications and p  | es of America and all other countries in and to<br>original, divisional, continuation, substitute or reli-<br>United States of America and all other countries<br>atents for sald invention claiming priority or bene   |
| essignee my entire right, title and interest for the United Stationand and the aforesaid utility patent application and all of pplications and patents applied for or granted therefor in the pilot divention, including without limitation all applications and pilot endors and utility application pursuant to any law or freaty, in dringement with the right to see for and collect the same for its egal representatives, and including the right to claim such prior rademarks is hereby authorized and requested to issue all paid assignee herein, as assignee of the entire interest the presentatives, heirs and assignee of the entire interest the original, divisional, continuation, reissue and other applicable signments thereof to said assignee or its assigns, to communious to the undersigned respecting said improvements, when get proceedings in which any of said applications or patents in rightful oaths, and to do generally everything necessary to all stain patent protection for said improvements in all countries, the paid by said assignee. | riginal, divisional, continuation, substitute or reli-<br>United States of America and all other countries<br>atents for sald invention claiming priority or bene-<br>ind including all claims for damages by reason of<br>a own use and the use of its successors, assigns<br>with or benefit and the Commissioner of Patents<br>tents on said improvements or resulting therefromerein; and the undersigned for me and my to<br>the without further remuneration, to execute and de-<br>tens for Letters Patent on said improvements and<br>injurate to said assignee or its representatives all favor requested, to testify in any interferences or only become involved, to sign all lawful papers, med<br>dissignee, its successors, assigns and nominee<br>the expenses incident to said applications to be be-   |
| estignee my entire right, title and interest for the United Stationention and the aforesaid utility patent application and all of pplications and patents applied for or granted therefor in the patents and patents applied for or granted therefor in the aid invention, including without limitation all applications and patents are aforesaid utility application pursuant to any law or treaty, and including the right to claim such priors are presentatives, and including the right to claim such priors admarks is hereby authorized and requested to issue all patents assignee herein, as assignee of the entire interest the presentatives, heirs and assignee of the entire interest the original, divisional, continuation, reissue and other applicable assignments thereof to said assignee or its assigns, to community to the undersigned respecting said improvements, when agail proceedings in which any of said applications or patents in inghtful caths, and to do generally everything necessary to all paid by eard assignee.  | es of America and all other countries in and to<br>iniginal, divisional, continuation, substitute or re-<br>United States of America and all other countries<br>attents for said invention claiming priority or bene-<br>nd including all claims for damages by reason of<br>a own use and the use of its successors, assigns<br>wity or benefit and the Commissioner of Patients<br>tents on said improvements or resulting therefro<br>serein; and the undersigned for me and my the<br>data to testify and improvements and<br>twithout further remuneration, to execute and de<br>ons for Letters Patient on said improvements and<br>picate to said assignee or its representatives all favor requested, to testify in any interferences or on<br>any become involved, to sign all lawful papers, in<br>disasignee, its successors, assigns and nominee<br>the expenses incident to said applications to be be-              |
| estignee my entire right, title and interest for the United Stationention and the aforesaid utility patent application and all of pplications and patents applied for or granted therefor in the aid invention, including without limitation all applications and pine aforesaid utility application pursuant to any law or freaty, and including the right to claim such prior ademarks is hereby authorized and requested to issue all paid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and coverage and coverage and civisional, continuation, reissue and other applications in the undersigned respecting said improvements, when agail proceedings in which any of said applications or patents in a lightful oaths, and to do generally everything necessary to signal by said assignee.   | es of America and all other countries in and to<br>iniginal, divisional, continuation, substitute or re-<br>United States of America and all other countries<br>atents for sald invention claiming priority or bene-<br>nd including all claims for damages by reason of<br>sown use and the use of its successors, assigns<br>with or benefit and the Commissioner of Patents<br>tents on said improvements or resulting therefroi<br>verein; and the undersigned for me and my lat<br>without further remuneration, to execute and de-<br>pose for Letters Patent on said improvements and<br>injude to said assignee or its representatives all favor requested, to testify in any interferences or on<br>any become involved, to sign all lawful papers, in<br>dissignee, its successors, assigns and nominee<br>the expenses incident to said applications to be but<br>filling date and application number of said applica- |

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former PTO/SB/15 (8:00) Modified LDCK&M Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION LGCHEM 3.3-115 Whereas, t, Seon-mo Son 112-203 Hanmarul Apt., Songgang-dong; Yuseong-gir, Daejeon; REPUBLIC OF KOREA 305-756 hereafter referred to as assignor, have with others invented certain new and useful improvements in LOW SURFACE GLOSS STYRENE RESIN COMPOSITION, AND LOW SURFACE GLOSS SHEET AND COMPOSITE ARTICLE THEREFROM X for which an application for a United States Letters Patent was filed on August 3, 2009 Application Number 12/525,575 for which an application for a United States Letters Patent was executed by melon-| x | for which an International Application was filed on | January 30, 2008 | PCT/KR2008/000559 designating the United States. Whereas, LG Chem, Ltd. a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Secul; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, little and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollars (\$ ), the receipt whereof 1.00 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries; for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid ability application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remunoration, to execute and deliver alt original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to lestify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful caths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application whee known. Seon-mo Son MN9-50M /ped **∮**lame of Witness

X Total of 6 forms are submitted.

| and I do hereby authorize my attorneys to insert on this deed the filing date and application number of said ap   | carled 1 F4 :   | former PTO/550/15 (0-00) Mo<br>Docket Number (Optional)  |  |
|---|---|--|--|
| 103-305, Lucky Hona Apt., Sinseong-dong, Daelean, Yuseong-au; REPUBLIC OF KOREA 305- 21 herafer referred to as assignor, have with others invented certain new and useful improvements in LOW SURFACE GLOSS STYRENE RESIN COMPOSITION, AND LOW SURFACE GLOSS SHEET AND COMPOSITE ARTICLE THEREFROM  [X] for which an application for a United States Letters Patent was filed on August 3, 2009 Application Number 12/525.575  [If or which an application for a United States Letters Patent was executed by me on [X] tor which an application for a United States Letters Patent was executed by me on [X] tor which an international Application was filed on January 30, 2008  PCT/KR2008/000559   designating the United States.  And  Whereas, LC Chem, Ltd a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is LIG Twin Towers: 20, Yeouide-dong; Yeongdaungpo-gu; Seout; REPUBLIC OF KOREA 150-721 is desirous of acquiring the ontire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receips acknowledged, and other good and valuable consideration 1 as assigner hereby sells, assign and set over sessipnee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid utility patent applications and plants spoiled for or granted therefor in the United States of America and all other countries in the addressed utility application granted therefor in the United States of America and all other countries and patents application and plants application and patents application and plants for said invention claiming priority or the aforesaid utility application granted therefor in the United States of America and all other countries and patents applications are all plants on said invention claiming priority or the aforesaid utility application or parties the transport of the said assignee of the articles and the commissioner of Patents and the commissioner of Patents and the commissioner of P |   | LGCHEM 3.3-115   | ASSIGNMENT OF UTILITY APPLICATION  |
| 103-305, Lucky Hona Apt., Sinseong-dong, Daelean, Yuseong-au; REPUBLIC OF KOREA 305- 21 herafer referred to as assignor, have with others invented certain new and useful improvements in LOW SURFACE GLOSS STYRENE RESIN COMPOSITION, AND LOW SURFACE GLOSS SHEET AND COMPOSITE ARTICLE THEREFROM  [X] for which an application for a United States Letters Patent was filed on August 3, 2009 Application Number 12/525.575  [If or which an application for a United States Letters Patent was executed by me on [X] tor which an application for a United States Letters Patent was executed by me on [X] tor which an international Application was filed on January 30, 2008  PCT/KR2008/000559   designating the United States.  And  Whereas, LC Chem, Ltd a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is LIG Twin Towers: 20, Yeouide-dong; Yeongdaungpo-gu; Seout; REPUBLIC OF KOREA 150-721 is desirous of acquiring the ontire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receips acknowledged, and other good and valuable consideration 1 as assigner hereby sells, assign and set over sessipnee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid utility patent applications and plants spoiled for or granted therefor in the United States of America and all other countries in the addressed utility application granted therefor in the United States of America and all other countries and patents application and plants application and patents application and plants for said invention claiming priority or the aforesaid utility application granted therefor in the United States of America and all other countries and patents applications are all plants on said invention claiming priority or the aforesaid utility application or parties the transport of the said assignee of the articles and the commissioner of Patents and the commissioner of Patents and the commissioner of P | of  |  | Whereas I Bana kaun Lee  |
| hereafter referred to as assignor, have with others invented certain new and useful improvements in LOW SURFACE GLOSS STYRENE RESIN COMPOSITION, AND LOW SURFACE GLOSS SHEET AND COMPOSITE ARTICLE THEREFROM  [X] for which an application for a United States Letters Patent was filed on August 3, 2009  Application Number 12/525,575  [In which an application for a United States Letters Patent was executed by me on International Application was filed on January 30, 2008  PCT/KR2008/000559   designating the United States.  And Whereas, LC Chem, Ltd   a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is a LG Twm Towers: 20, Yeouldo-dong: Yeongdeungpo-gu; Seoul: REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same;  NOW THEREFORE, in consideration of the sum of pige dollars (\$ 1.00 ), the receips is acknowledged, and other good and valuable consideration 1 as assigner hereby sell, assign and set over assignee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid ubility patent application and all original, divisional, continuation, substitute o application and all original, divisional, continuation, substitute o perpleciations and patents applied for or granted therefor in the United States of America and all other countries in an invention and the aforesaid ubility patent applications and patents are patents are guizens for damages by reasonfringement with the right to sue for and collect the same for its own use and the use of its successors, assignments therefore and assignee of the entire interest therein; and the Commissioner of Patent assignments therefore and assignee of the entire interest therein; and the Commissioner of Patent assignments therefore and assignee of the entire interest therein; and the Commissioner of Patent assignments therefore and assignee of  |   | eong-gu; REPUBLIC OF KOREA 305-  | 103-308, Łucky Hana Apt, Sinseong-dong: Daejeon: Yu  |
| Application Number 12/525,575  for which an application for a United States Letters Parent was executed by me on tor which an international Application was fifed on January 30, 2008, as PCT/KR2008/000559 designating the United States.  And Whereas, LG Chem, Ltd a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is LG Twin Towers; 20, Yeoulde-dong; Yeongdeungpo-gu; Secut; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same; sakmovied; and other good and valuable consideration 1 as assigner hereby sell, assign and set over a sekmovied; and other good and valuable consideration 1 as assigner hereby sell, assign and set over assignee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid ublity patient application and all original, divisional, continuation, substitute outpilous industrial training application and all original, divisional, continuation, substitute outpilous industrial training and the same for sell invention claiming profity or land the aforesaid ublity patients on pursuant to any law or treaty, and including diclams for damages by reason fringement with the right to sue for and collect the same for its own use and the use of its successors, as apal representatives, and including the right to claum such priority or benefit and the Commissioned of Pater and Collect the same for its and the undersigned for me and increased and assignee on the entire interest thoron; and the undersigned for me and increased and assignee on its assigns, to communicate to said assignee or its assigns, to communicate to said assignee or its assigns to communicate to said assignee or its assigns to communicate to said assignee or its assigns, to communicate to said assignee or its assigns to communicate to said assignee or its proceedings in which any of said applications or patents may become involved, to sign all lawful pape ill rightful outs, and to do generally   |   | n new and useful improvements in<br>TION, AND LOW SURFACE GLOSS  | hereafter referred to as assignor, have with others invented certs LOW SURFACE GLOSS STYRENE RESIN COMPOS  |
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| PCT/KR2008/000559 . designating the United States.  And  Whereas. LG Chem. Ltd. a corporation of Korea. Republic of herein referred to as "assignee" whose mailing address is LG Twin Towers: 20, Yeouide-dong: Yeongdeungpo-gu; Seoul: REPUBLIC OF KOREA. 150-721 is desirous of acquiring the entire right, title and interest in the same;  NOW, THEREFORE, in consideration of the sum of long dollars (\$ 1.00 ), the receipt is acknowledged, and other good and valuable consideration. It as assigne hereby sell, assign and set over a sesting employed and patients of the United States of America and all other countries in an invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or granted therefor in the United States of America and all other countries in an invention and patents applied for or granted therefor in the United States of America and all other countries in an invention, including without limitation all applications and patents for said invention claiming priority or the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reaso firingement with the right to suc for and collect the same for its own use and the use of its successors, assigned expresentatives, and including the right to claim such priority or benefit and the Commissioner of Patential assignee herein, as assignee of the editire interest thoroin; and the undersigned for me and its original, divisional, continuation, reissue and other applications for Letter Patent on said improvements is signments thereof to said assignee or its assigns, to communicate to said assignee or its representatives mown to the undersigned respecting said improvements, whenever requested, to testify in any interferences and original, divisional, continuation, reissue and other applications for Letter Patent on said improvements in all countries, the expenses incident to said applications and patent protection for said improvements in all countries, the expenses incident to |   | was executed by me on  | delegation of the contract of  |
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| Whereas, LG Chem, Ltd a corporation of Korea Republic of herein referred to as "assignee" whose mailing address is  LG Twin Towers: 20, Yeouldo-dong: Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same;  NOW, THEREFORE, in consideration of the sum of one dollars (\$ 100 ), the receipt a acknowledged, and other good and valuable consideration. I as assignee needy sell, assign and set ow essignee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid utility patent application and all original, divisional, continuation, substitute o applications and patents applied for or granted therefor in the United States of America and all other countries in an invention, including without limitation all applications and patents for said invention claiming profity or the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reasonfringement with the right to suc for and collect the same for its own use and the use of its successors, assignated to claim such priority or benefit and the Commissioner of Pat Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting the right to claim such priority or benefit and the Commissioner of Pat Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting the acid assignee herein, as assignee of the unitire interest thoron; and the undersigned for me and it original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and unitarity, here and assignee or its assigns, to communicate to said assignee or its representatives mown to the undersigned respecting said improvements, whenever requested, to testify in any interferences applications, and to do generally everything necessary to aid assignee, its successors, assigns and non obtain patent protection for said improvements in a |   | States.  | Account to the control of the contro |
| a corporation of Korea. Republic of herein referred to as "assignee" whose mailing address is LG Twin Towers: 20, Yeouido-dong: Yeongdeungpo-gu; Seoui; REPUBLIC OF KOREA. 150-721 is desirous of acquiring the entire right, title and interest in the same;  NOW, THEREFORE, in consideration of the sum of one dollars (\$ 100 ), the receips acknowledged, and other good and valuable consideration. I as assignee hereby sell, assign and set over assignee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or applications and patents applied for or granted therefor in the United States of America and all other countries in an invention and the aforesaid utility application pursuant to any law or treaty, and including utilities and all other countries in the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason diringement with the right to such for and collect the same for its own use and the use of its successors, assigneementatives, and including the right to claim such priority or benefit and the Commissioner of Paterademarks is hereby authorized and requested to issue all patents on said improvements or resulting the identities, heirs and assignee of the entire interest therein; and the undersigned for me and is original, divisional, continuation, reissue and other applications for Latters Patent on said improvement issignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives never to the undersigned respecting said improvements, whenever requested, to testify in any interferences applications to the independent of the patent protection for said improvements in all countries, the expenses incident to said applications to individually be add assignee.  Date Bong-keun Lee  Bong-keun Lee  Bong-keun Lee  |   |  |  |
| LG Twin Towers: 20 Yeouldo-dong: Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same;  NOW, THEREFORE, in consideration of the sum of long dollars (\$ 1.00 ), the receipt is acknowledged, and other good and valuable consideration. It as assignor hereby sell, assign and set over a second continuation of the aforesaid utility patent application and all original, divisional, continuation, substitute of applications and patents applied for or granted therefor in the United States of America and all other coursaid invention, including without limitation all applications and patents for said invention claiming priority or least of active and tility application pursuant to arry law or treaty, and including all claims for damages by reason infringement with the right to suc for and collect the same for its own use and the use of its successors, as agail representatives, and including the right to claim such priority or benefit and the Commissioner of Patendermarks is bereby authorized and requested to issue all patents on said improvements or resulting the laid assignee herein, as assignee of the entire interest thoroin; and the undersigned for me and expresentatives, heirs and assigns do hereby agree and covernant without further remunération, to execute an idoriginal, divisional, divisional, divisional, divisional, divisional, divisional, divisional, divisional without and of a said applications for Latters Patent on said improvement is signments thereof to said assignee or its assigns, to communicate to said assignee or its representatives moven to the undersigned respecting said improvements, whenever requested, to testify in any interferences goal proceedings in which any of said applications or patents may become involved, to sign all lawful pape till rightful ouths, and to do generally everything necessary to aid assignee, its successors, assigns and non blain patent protection for said improvements in all countries. The expenses incident to  | <del>-</del> :  | e" whose mailing address is  |  |
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| s acknowledged, and other good and valuable consideration. Las assignor heroby sell, assign and set over assignee my entire right, title and interest for the United States of America and all other countries in an invention and the aforesaid utility patent application and all original, divisional, continuation, substitute of applications and patents applied for or granted therefor in the United States of America and all other countries and invention, including without limitation all applications and patents for said invention claiming priority or the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason fringement with the right to suc for and collect the same for its own use and the use of its successors, assenged representatives, and including the right to claim such priority or benefit and the Commissioner of Pateral Patents in the complex of the entire interest theorin; and the undersigned for me and corporate herein, as assignee of the entire interest theorin; and the undersigned for me and storights, heirs and assigns do hereby agree and covenant without further remuneration, to execute an all original, divisional, continuation, reissue and other applications for Letters Patent on said improvement insignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives applications to the undersigned respecting said improvements, whenever requested, to testify in any interferences applications to the undersigned respecting said improvements, whenever requested, to testify in any interferences applicated by said assignee.  But I application to a said application or patents may become involved, to sign all lawful pape all rightful ouths, and to do generally everything necessary to ald assignee, its successors, assigns and non obtain patent protection for said improvements in all countries, the expenses incident to said applications to land a document.  But I application are provided to the filling date and application nu  |   | ie;  | is desirous of acquiring the entire right, title and interest in the sa  |
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forms are submitted.

fermor PTO/SB/15 (8-00) Modified COLKAM Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION LGCHEM 3.3-115 Whereas, I. Tae-bin Ahn 5-504, LG Chem. Satack 386-1; Doryong-dong, Yuseong-gu; Daejeon Metropolitan City. REPUBLIC OF KOREA 305-340 hereafter referred to as assignor, have with others invented certain new and useful improvements in LOW SURFACE GLOSS STYRENE RESIN COMPOSITION, AND LOW SURFACE GLOSS SHEET AND COMPOSITE ARTICLE THEREFROM | X | for which an application for a United States Letters Patent was filed on | August 3, 2009 Application Number 12/525.575 for which an application for a United States Letters Patent was executed by me on X for which an International Application was filed on \_\_January 30, 2008 \_\_\_ PCT/KR2008/000559 , designating the United States. And Whereas, E.G. Chem, Ltd. a corporation of Korea, Republic of herein referred to as "assigned" whose mailing address is LG Twin Towers; 20, Yeoeido-dong; Yeongdeungpo-gu; Scout, REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 is acknowledged, and other good and valuable consideration. Las assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful paths, and to do generally everything necessary to aid assigned, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application Tae bin Abo

DATENT

L15-515

former P100099755 (8-00) Mod/feet util MAM Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION LGCHEM 3.3-115 Whereas, I. Han-jong You 202-1201 Songgang maeul 2-danji; Songgang-dong; Daejeon; REPUBLIC OF KOREA 305-753 hereafter referred to as assignor, have with others invented certain new and useful improvements in LOW SURFACE GLOSS STYRENE RESIN COMPOSITION, AND LOW SURFACE GLOSS SHEET AND COMPOSITE ARTICLE THEREFROM X for which an application for a United States Letters Fateril was filed on August 3, 2009 Application Number 12/525,575 for which an application for a United States Letters Patent was executed by me on X for which an International Application was filed on January 30, 2008 PCT/KR2008/000559 , designating the United States. And Whereas, LG Chem, Ltd. a corporation of Korea, Republic of herein referred to as "assignee" whose mailing address is LG Twin Towers; 20, Yeouide-dong; Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dottars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration. I as assignor hereby self, assign and set over to said assignee my entire right, little and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or gramed therefor in the United States of America and all other countries, for said invention, including without fimitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign as lawful papers, make all rightful daths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain potent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attornoys to insert on this deed the filing date and application number of said application Han-jong You "Total of forms are submitted.

| ASSIGNMENT OF UTILITY APPLICATION  Whereas, I. Sung-tae Ahn  405-1104 Expo Apt. Jeonmin-dong; Yuseong-qu; Daujo   | LGCHEM 3.3-115  |
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| 405-1104 Expo Apt., Jeonmin-dong; Yuseong-qu; Daujo   |   |
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| hereafter referred to as assignor, have with others invented certa<br>LOW SURFACE GLOSS STYRENE RESIN COMPOS<br>SHIFFT AND COMPOSITE ARTICLE THEREFROM  | ain new and useful improvements in<br>SITION, AND LOW SURFACE GLOSS   |
| x for which an application for a United States Letters Pate<br>Application Number 12/525,575  | ent was filed on August 3, 2009   |
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| x for which an International Application was filed on   | ·   |
| _PCT/KR2008/000559, designating the United  | States.   |
| Whereas LG Chem, Ltd.   |   |
| corporation of Korna, Republic of herein referred to as "assign   | ee" whose mailing address is  |
| LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Seo  | out; REPUBLIC OF KOREA 150-721  |
| s desirous of acquiring the entire right, title and interest in the sar   | me;   |
| Ifringement with the right to sue for and collect the same for its<br>igal representatives, and including the right to claim such prior<br>rademarks is hereby authorized and requested to issue all pate<br>aid assignee herein, as assignee of the entire interest the<br>presentatives, heirs and assigns do hereby agree and covernant<br>I original, divisional, continuation, reissue and other application<br>issignments thereof to said assignee or its assigns, to communi-<br>nown to the undersigned respecting said improvements, whence<br>gat proceedings in which any of said applications or patents may<br>irrightful oaths, and to do generally everything necessary to aid<br>attain patent protection for said improvements in all countries, the<br>indication of the patent protection for said improvements in all countries, the<br>indication of the patent protection for said improvements in all countries, the<br>indication of the patent protection for said improvements in all countries. | ity or benefit and the Commissioner of Patents and on said improvements or resulting therefrom arein; and the undersigned for me and my lest without further remuneration, to execute and deligible for Letters Patent on said improvements and cate to said assigned or its representatives all favorer requested, to testify in any interferences or of the property in any become involved, to skip all lawful papers, may become involved, to skip all lawful papers, may become involved, to skip all lawful papers. |
| nd I do hereby authorize my attorneys to insert on this deed the f<br>ned known.  | iling date and application number of said applicat  |
| h/ 21 t 2 c   |   |
| Nov 2/12 2009   |   |
| Date  | Sung-tae Ahn  |
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| Myn ng - 5m L=E<br>// yped Name of Witness  |   |
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PATENT REEL: 023568 FRAME: 0800

**RECORDED: 11/24/2009**