Form PTO-1595 (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC
RECORDATION FO	
PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below.
<ol> <li>Name of conveying party(ies)/Execution Date(s):</li> </ol>	2. Name and address of receiving party(ies)
YOO-YOUNG JUNG (11/12/2008), BYOUNG- HO JEON (11/12/2008), BAE-KUN SHIN (11/12/2008), KI-SOO LEE (11/12/2008),	
	Name:LG CHEM, LTD.
Evacution Data(a) is a second	Internal Address:
Execution Date(s): in parentheses after inventor name  Additional name(s) of conveying party(les) attached? X Yes No	Street Address;
	LG TWIN TOWERS
3. Nature of Conveyance:	20, YEOUIDO-DONG
X Assignment Merger	YEONGDEUNGPO-GU
Security Agreement Change of Name	City:SEOUL
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 150-721
Other	Additional name(s) & address(es)
	attached: Tes X No
4. Application or patent number(s):  A. Patent Application No.(s)  12/225,175	hls document is being filed together with a new application.  B. Patent No.(s)
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and
Name: Kelly Y. Hwang LERNER, DAVID, LITTENBERG,	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address; Atty. Dkt.: LGCHEM 3.3-034	Authorized to be charged by credit card
Street Address: 600 South Avenue West	Authorized to be charged to deposit account     Enclosed     None required (government interest not affecting title)
City: Westfield	3. 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@ldlkm.com  Signature: //	Authorized User Name Kelly Y. Hwang
1/1/1/1	May 11, 2009
Signature	Date
Kelly Y. Hwang - 51,831  Name of Person Signing	Total number of pages including cover sheet, atlachments, and documents: 8
	The same and a same a

1014983\_1.DOC

**PATENT** REEL: 022671 FRAME: 0047

Form PTO-1595	RECOR	RDATION FORM COVER SHEET (CONTINUED)	
Additional Convey	ying Party(ies)/Exed	cution Date(s) (1. Continued):	<del></del>
		ong Kwon (11/12/2008)	
Additional Assigne	ees (2. Continued):		
Assignee Name:	<u> </u>		
Internal Address;			
Street Address:			
Cily:	State:	Country:	Žip:
Assignee Name;			
nternal Address:		<del>-</del>	
Street Address:			
Dity:	State:	Country:	Zip:
ssignee Name:			<u>_</u>
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lty:	State;	Country:	Zip:
	ons and/or Patents		
dditional Patent Application A. Continued:		Additional Patent Numbers 4B. Continued:	
	Additional numbers att	tached? Yes No	

2

Docket No.: LGCHEM 3.3-034

Whereas, I. Yoo-young Jung of Sease-dong, Sengnok-gu, Ansan-si; Gyeongoi-do: REPUBLIC OF KOREA 426-220 of Sease-dong, Sengnok-gu, Ansan-si; Gyeongoi-do: REPUBLIC OF KOREA 426-220 neroafter referred to as assignor, have with others invented certain new and useful improvements in 1-14. KENE-ACRYLATE BASED COPULYMER  for which an application for a United States Letters Patent was filed on Application Application for a United States Letters Patent was filed on Application Application for a United States Letters Patent was executed by me on for which an international Application was filed on March 13, 2007 as a corporation of Kores, Republic of herein referred to as assignee" whose mailing address is LG Twin Towers; 20, Yeoudo-dong; Yeongdeungop-gu, Seoul, REPUBLIC OF KOREA 150-721 is destrous of acquiring the entire right, title and interest in the same:  NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the raceipt whereas as sexnowedged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my enture right, title and interest for the United States of America and all other countries in and to said invention, including without limitation all application and patents for said invention, including without limitation all applications and patents for said invention, including without limitation all applications and patents for said invention, including without limitations all applications and patents for said invention, and with the right to use for and collect the same for its own use and the use of its successors, saignes and legal representatives, and including the right to claim such priority or benefit of the attension of the said assignment in the representatives all facts known the user of a said patent for said improvements or establish thereform to said assignment in the representatives all facts known the user and collected to issue all patents to read in provements and deliver all organical and the said patents of the provements of the s		former PTO/56/15 (6-00) Modified LOUKS	
hereafter referred to as assignor, have with others invented certain new and useful improvements in  1-ALKENE-ACRYLATE BASED COPOLYMER  for which an application for a United States Letters Patent was filed on  Application Number  for which an application for a United States Letters Patent was filed on  Application Number  for which an application for a United States Letters Patent was filed on  Application Number  for which an international Application was filed on  March 13, 2007  66  PCT/KR2007/001209  designating the United States.  And  Whereas, LG Chem, Ltd.  a corporation of Korea, Republic of herein referred to as "assignee" whose malling address is  LG Twin Towers; 20, Yeoudio-dong; "eongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721  is desirous of acquiring the entire right, the and interest in the same:  NOW. THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereol is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set yet to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention, including without limitation all application and all original, divisional, continuation, substitute or ressue applications and patents applied for or granted therefor in the United State of America and all other countries, for said invention, including without finitiation all applications and patents for said invention adaming priority or benefit of the alterestation 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 Commissions of Patents and Tradomarks is hereby suthorized and requested to issue all patents on said improvements or resulting therefrom to said original, divisional, confliction or resulting improvements or all acids fixed	ASSIGNMENT OF UTILITY APPLICATION	Dockel Number (Optional) LGCHEM 3.3-034	
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for which an application for a United States Letters Patent was filed on Application Number for which an application for a United States Letters Patent was executed by me on for which an application for a United States Letters Patent was executed by me on for which an International Application was filed on March 13, 2007 as PCT/KR2007/001209 , 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, "Yeouido-gong; 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 (\$ 1.00 ), the receipt whereol 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, including without limitation and all original, divisional, continuation, continuation, including without limitation all applications and patents for said invention dailmap priority or benefit of the aloresaid 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 owns 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 Potentis and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee or its entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covernant without further renuncration, to execute and deliver in original, divisional, confluedion, reissue and other applications for Letter's Patent on said improvements and all assignments thereof to said assignee or its a	hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in	
Application Number  for which an application for a United States Letters Patent was executed by me on  x for which an International Application was filed on March 13, 2007. as  PCT/KR2007/001209 , 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, Yeourdo-gong; Yeongdeungpo-gu; Seout; REPUBLIC OF KOREA 159-721 is desirous of acquiring the entire right, trite and interest in the same:  NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereol is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said invention and the aforesaid utility patent application and all original, divisional, confineation, substitute or resiste 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, including without limitation all applications and patents for said interest 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 or the aloresaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infiningement 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 or reademarks is hereby suthorized and requested to issue all patents on said improvements and all infraredemarks is hereby suthorized and requested to issue all patents on said improvements and all expressentatives, heirs and assignee or its assigne, to communicate to said assignee or resulting thereform to said deliver all original, divisional, confliction, reissue and other applications for Letters Patent o			
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LG Twin Towers; 20, Yeouido-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 (\$ 1.00 ), the receipt whereol is acknowledged, and other good and valuable consideration. J 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 imitation 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 Petents 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 to hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, confinuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assigns to hereby agree and convenant without further remuneration, to execute and deliver all original, divisional, confinuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assignee, to communicate to said assignee or its representatives and interest therein, and the undersigned			
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereous 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 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 calaming 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 to hereby agree and covernant 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 assigne, to communicate to said assignee or its representatives all facts known to the undersigned area precling 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 oaths, and to do generally everything necessary to aid assignee.  And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application when known.  Witness  Witness			
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereous 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 calming 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 asid assignee therein, as assignee or 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, continuetion, 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 oaths, 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 inci	LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Sec	oul; REPUBLIC OF KOREA 150-721	
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Date  Witness  LEE. HUMN - Jang	assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all o applications and patents applied for or granted therefor in the table said invention, including without limitation all applications and patents aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all patent assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenant all original, divisional, continuation, reissue and other application assignments thereof to said assignee or its assigns, to communicate the undersigned respecting said improvements, whene legal proceedings in which any of said applications or patents mall rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the and paid by said assignee.	es of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of d including all claims for damages by reason of past own use and the use of its successors, assigns and ity or benefit and the Commissioner of Patents and tents on said improvements or resulting therefrom to erein; and the undersigned for me and my legal at without further remuneration, to execute and deliverons for Letters Patent on said improvements and all intate to said assignee or its representatives all facts ever requested, to testify in any interferences or other hay become involved, to sign all lawful papers, make dissignee, its successors, assigns and nominees to be expenses incident to said applications to be borne.	
Date Yoo-young Jung Witness  CEE. HUMN - Jang		•	
Witness LEE. HUMN - Jang	2008,11,12	18 71 03	
Typed Name of Wilness	_ \$\lambda \?	Yoo-young Jung	
<del></del>	Typed Name of Wilness		
	<del></del> .		

x Total of 6 forms are submitted. LD-515\

REEL: 022671 FRAME: 004

	former PTO/88/15 (6-00) Modified LOLK&M  Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.3-034	
Whereas, I. Byoung-ho Jeon of 304-302 Songgang Green Apt.: Songgang-dong, Yuseong-qu; Daejeon; : REPUBLIC OF KOREA 305-751		
hereafter referred to as assignor, have with others invented certain new and useful improvements in  1-ALKENE-ACRYLATE BASED COPOLYMER		
for which an application for a United States Letters Pate Application Number	ent was filed on	
for which an application for a United States Letters Paten	t was executed by me on	
x for which an International Application was filed on	March 13, 2007 as	
$\begin{tabular}{ll} PCT/KR2007/001209 & , designating the United \\ And & \\ \end{tabular}$	States.	
Whereas, LG Chem, Ltd.		
a corporation of <u>Korea, Republic of</u> herein referred to as "assignous LG Twin Towers; 20, Yeoudo-dong; Yeongdeungpo-gu; Seo		
is desirous of acquiring the entire right, title and interest in the sar	ne;	
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 coverent without further remuneration, to execute and deliver all original, divisional, continuation, relessue 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 oaths, 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 when known.		
200%, 11, (L	건 병호	
Date Witness	Byoung-ho Jeon	
Typed Name of Witness		
x *Total of 6 forms are submitted.		

x LD-515\

**PATENT** REEL: 022671 FRAME: 005 

<del>- '`</del>	former PTG/SB/18 (8-00) Modified LDUG Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.3-034
·-···	223112111 0,0 004
Whereas. I. Bae-kun Shin	
102-102 Someng Cityvill; Juan 1-dong, Nam-gu; Incheor	Of SERVICION OF MOREAL AND DOA
hereafter referred to as assignor, have with others invented certa	
1-ALKENE-ACRYLATE BASED COPOLYMER	in new and oseid improvements in
for which an application for a United States Letters Pate	
Application Number	an was neo on
for which an application for a United States Letters Paten	t wat executed by me on
	<del></del>
X for which an International Application was filed on	March 13, 2007 , as
PCT/KR2007/001209 , designating the United	States.
And	
Whereas, _LG Chem, Ltd	
a corporation of Korea, Republic of herein referred to as "assigned	~
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Seo	
is destrous of acquiring the entire right, title and interest in the sar	ne;
is acknowledged, and other good and valuable consideration, I essignee my entire right, title and interest for the United States invention and the aforesaid utility patent application and all or applications and patents applied for or granted therefor in the L said invention, including without limitation all applications end pet the aforesaid utility application pursuant to any law or treaty, and intringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all patesaid assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenant all original, divisional, comtinuation, reissue and other application assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, whenever the said proceedings in which any of said applications or patents must rightful oeths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the and paid by said assignee.  And I do hereby authorize my attorneys to insert on this deed the	s of America and all other countries in and to said iginal, divisional, continuation, substitute or reissue thinted States of America and all other countries, for stents for said invention claiming priority or benefit of including all claims for damages by reason of past own use and the use of its successors, assigns and ity or benefit and the Commissioner of Patents and ents on said improvements or resulting therefrom to erein; and the undersigned for me and my legal twithout further remuneration, to execute and deliver as for Letters Patent on said improvements and all icate to said assignee or its representatives all facts wer requested, to testify in any interferences or other ay become involved, to sign all lawful papers, make a sasignee, its successors, assigns and nominees to be expenses incident to said applications to be borned.
when known.	ning date and application number of seid application
200 €. (1.)2	$X_{\Lambda}$
Date	Bae-kun Shin
L . )	Buo-nan onin
Wilness	
Witness	
Typed Name of Witness	
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www.ldlkm.com

Total of 6 forms are submitted.

LD-515\

<u> </u>	former PTO/SB/15 (8-00) Modified LOLIGE
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LGCHEM 3.3-034
Whereas, I, Ki-soo Lee	
410-802 Daedeok Technovalley 4-danii; Gwanpyeong-d OF KOREA, 305-509	ong, Yuseong-gu; Daejeon; ; REPUBLIC
hereafter referred to as assignor, have with others invented certain	ain new and useful improvements in
1-ALKENE-ACRYLATE BASED COPOLYMER	
for which an application for a United States Letters Pate	ant was filed on
Application Number	
for which an application for a United States Letters Pater	t was executed by me on
x for which an International Application was filed on	Merch 13, 2007 , as
PCT/KR2007/001209 , designating the United And	States.
Whereas, LG Chem, Ltd.	
a corporation of Korea, Republic of herein referred to as "assign	ee" whose mailing address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Sec	· · · · · · · · · · · · · · · · · · ·
is desirous of acquiring the entire right, title and interest in the sa	me;
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all o applications and patents applied for or granted therefor in the said invention, including without limitation all applications and patents aforesaid utility application pursuant to any taw or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all passid assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenar all original, divisional, continuation, reissue and other application assignments thereof to said assignee or its assigns, to communicate the undersigned respecting said improvements, whene elgal proceedings in which any of said applications or patents mell rightful oaths, and to do generally everything necessary to air obtain patent protection for said improvements in all countries, the and paid by said assignee.	is of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of di including all claims for damages by reason of past own use and the use of its successors, assigns and rity or benefit and the Commissioner of Patents and itents on said improvements or resulting therefrom to erein; and the undersigned for me and my legal in without further remuneration, to execute and deliver ons for Letters Patent on said improvements and alluste to said assignee or its representatives all facts ever requested, to testify in any interferences or otherway become involved, to sign all tawful papers, make diassignee, its successors, assigns and nominees to be expenses incident to said applications to be berne
And I do hereby authorize my attorneys to insert on this deed the when known.	filing date and application number of said application
200 8.11.12	<i>70075</i>
Date	Ki-soo Lee
the state of the s	
Witness /	
Typed Name of Witness	

x

\*Total of forms are submitted.

LD-515\

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.3-034
Whereas, I, _Yong-gyu Han	_6
304-508 Expo Apt.; Jeanmin-dong, Yuseong-gu; Oseje	of:: REPUBLIC OF KOREA 305-761
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in
1-ALKENE-ACRYLATE BASED COPOLYMER	
for which an application for a United States Letters Pat	ent was filed on
Application Number	<del></del>
for which an application for a United States Letters Pater	It was executed by me on
X for which an International Application was filed on	
PCT/KR2007/001209 , designating the United	States.
And	
Whereas, LG Chem, Ltd.	
e corporation of Korea, Republic of herein referred to as "assign	ee" whose mailing address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-qu; Ser	oul: REPUBLIC OF KOREA 150,721
is desirous of acquiring the entire right, title and interest in the sa	me;
xava kriveriuovi, iriolytyiiyi WilliOtt IlMITAILON All Abblications and bi	United States of America and all other countries, fo
said invention, including without limitation all applications and public eforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its egal representatives, and including the right to claim such prior frademarks is hereby authorized and requested to issue all pathald assignee herein, as assignee of the entire interest the epresentatives, heirs and assignee of the entire interest the epresentatives, heirs and assignee or the entire interest the epresentatives, heirs and assignee or its assigns, to community thereof to said assignee or its assigns, to community the undersigned respecting said improvements, whene egal proceedings in which any of said applications or petents in ill rightful oaths, and to do generally everything necessary to ake blain patent protection for said improvements in all countries, the paid by said assignee.	d including all claims for damages by reason of past own use and the use of its successors, assigns and rity or benefit and the Commissioner of Patents and tents on sald improvements or resulting therefrom the erein; and the undersigned for me and my legal to without further remuneration, to execute and delivered to said assignee or its representatives all factiver requested, to testify in any interferences or other laybecome involved, to sign all lawful papers, make the serious property and the stress of the lastinger.
he aforesaid utility application pursuant to any law or treaty, an nfringement with the right to sue for and collect the same for its egal representatives, and including the right to claim such prior frademarks is hereby authorized and requested to issue all patiald assignee herein, as assignee of the entire interest the epresentatives, heirs and assigns do hereby agree and covenan all original, divisional, continuation, reissue and other application issignments thereof to said assignee or its assigns, to communate nown to the undersigned respecting said improvements, whene again proceedings in which any of said applications or patents in Il rightful oaths, and to do generally everything necessary to ak btain patent protection for said improvements in all countries. It	United States of America and all other countries, for atents for said invention claiming priority or benefit of directuding all claims for damages by reason of passown use and the use of its successors, assigns another or benefit and the Commissioner of Patents and tents on sald improvements or resulting therefrom the erein; and the undersigned for me and my legal twithout further remuneration, to execute and delive ons for Letters Patent on said improvements and a licate to said assignee or its representatives all fact wer requested, to testify in any interferences or other lay become involved, to sign all lawful papers, maked assignee, its successors, assigns and nominees to expenses incident to said applications to be bornal filling date and application number of said application.
said invalidating without limitation all applications and pi he aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its egal representatives, and including the right to claim such prior trademarks is hereby authorized and requested to issue all patalled assignee herein, as assignee of the entire interest the appreciations, heirs and assignee of the entire interest the appreciations, divisional, continuation, relssue and other applications signments thereof to said assignee or its assigns, to community now to the undersigned respecting said improvements, whene again to undersigned respecting said improvements, whene again to attach any of said applications or petents in it rightful oaths, and to do generally everything necessary to all trightful oaths, and to do generally everything necessary to all brain patent protection for said improvements in all countries, the paid by said assignee.  Indicate the interest on this deed the hen known.	United States of America and all other countries, for atents for said invention claiming priority or benefit of directuding all claims for damages by reason of past own use and the use of its successors, assigns another of benefit and the Commissioner of Patents and tents on sald improvements or resulting therefrom the terein; and the undersigned for me and my legal the without further remuneration, to execute and delive one for Letters Patent on said improvements and a intate to said assignee or its representatives all fact wer requested, to testify in any interferences or other lay become involved, to sign all lawful papers, maked assignee, its successors, assigns and nominees to expenses incident to said applications to be bornal.
sad invalidor, including without limitation all applications and pine aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its again representatives, and including the right to claim such prior trademarks is hereby authorized and requested to issue all parallel assignee herein, as assignee of the entire interest the epresentatives, heirs and assigns do hereby agree and coverant all original, divisional, continuation, relessue and other applications signments thereof to said assignee or its assigns, to community nown to the undersigned respecting said improvements, whene again proceedings in which any of said applications or petents in all rightful oaths, and to do generally everything necessary to all high patent protection for said improvements in all countries, the paid by said assignee.  In a did hereby authorize my attorneys to insert on this deed the then known.	United States of America and all other countries, for atents for said invention claiming priority or benefit of directuding all claims for damages by reason of passown use and the use of its successors, assigns another or benefit and the Commissioner of Patents and tents on sald improvements or resulting therefrom the erein; and the undersigned for me and my legal twithout further remuneration, to execute and delive ons for Letters Patent on said improvements and a licate to said assignee or its representatives all fact wer requested, to testify in any interferences or other lay become involved, to sign all lawful papers, maked assignee, its successors, assigns and nominees to expenses incident to said applications to be bornal filling date and application number of said application.
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and invalidation, including without limitation all applications and pine eforesaid utility application pursuant to any law or treaty, an afringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior trademarks is hereby authorized and requested to issue all partial assignee herein, as assignee of the entire interest the epresentatives, heirs and assigns do hereby agree and coverant lift original, divisional, continuation, relessue and other applications signments thereof to said assignee or its assigns, to commun nown to the undersigned respecting said improvements, whene egal proceedings in which any of said applications or petents must be undersigned respecting said improvements, whene egal proceedings in which any of said applications or petents must be undersigned respecting to the proceedings in which any of said applications or petents must be undersigned respecting said improvements, in all countries, the particular patent protection for said improvements in all countries, the paid by said assignee.	United States of America and all other countries, for atents for said invention claiming priority or benefit of directuding all claims for damages by reason of pations own use and the use of its successors, assigns another the provided in the commissioner of Patents and tents on said improvements or resulting therefrom the terein; and the undersigned for me and my legal the without further remuneration, to execute and delive one for Letters Patent on said improvements and a licate to said assignee or its representatives all fact over requested, to testify in any interferences or other lay become involved, to sign all lawful papers, maked assignee, its successors, assigns and nominees to expenses incident to said applications to be bornally filing date and application number of said application.
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REEL: 022671 FRAME: 005

	former PTO/SB/15 (8-00) Modified LDLK&I
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
	LGCHEM 3.3-034
Whereas, I, Heon-Yong Kwon	of
3-302 LG Sawon Apt.; Doryong-dong, Yuseong-gu; Daej	
hereafter referred to as assignor, have with others invented certa	
1-ALKENE-ACRYLATE BASED COPOLYMER	
for which an application for a United States Letters Pate	nt was filed on
Application Number	
for which an application for a United States Letters Patent	was executed by me on
x for which an International Application was filed on	March 13, 2007 , as
PCT/KR2007/001209 , designating the United	States.
And	•
Whereas, LG Chem, Ltd.	
e corporation of Koree, Republic of herein referred to as "assigned	ee" whose mailing address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Seo is desirous of acquiring the entire right, title and Interest in the sar	ul; REPUBLIC OF KOREA 150-721
is desirous or adquiring the entire right, little 2121 interest in the san	ne;
assignee my entire right, title and interest for the United States Invention and the aforesaid utility patent application and all or applications and patents applied for or granted therefor in the Usaid invention, including without limitation all applications and patithe aforesaid utility application pursuant to any law or treaty, and infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such priori Trademarks is hereby authorized and requested to issue all pate said assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree end covenant all original, divisional, continuation, reissue and other application assignments thereof to said assignee or its assigns, to communiknown to the undersigned respecting said improvements, whenever legal proceedings in which any of said applications or patents may all rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the and paid by said assignee.	iginal, divisional, continuation, substitute or reissue inited States of America and all other countries, for tents for said invention claiming priority or benefit of a including all claims for damages by reason of past own use and the use of its successors, assigns and ity or benefit and the Commissioner of Patents and ents on said improvements or resulting therefrom to erein; and the undersigned for me and my legal without further remuneration, to execute and deliver the formation of the interest and all called to said assignee or its representatives all facts are requested, to testify in any interferences or other assignee, its successors, assigns and nominees to a expenses incident to said applications to be borned.
And I do hereby authorize my attorneys to insert on this deed the f when known.	
2008.11.12	25576
Witness  LEE. Hyun-June Typed Name of Witness	Heon-Yong Kwon
	j
x Total of 6 forms are submitted.	

LD-515\

**PATENT** REEL: 022671 FRAME: 00