form PTO-1595 (Rev. 09/04)	U.S. DEPARTMENT OF COMMERCE United States Petent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FOR	
PATENTS	ONLY
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
JE-SUN YOO (09/16/2009), KI-YOUNG NAM (09/16/2009), YONG-YEON HWANG (09/16/2009), YOU-SEOK SEO (09/16/2009),	Name: LG CHEM, LTD.
Execution Date(s): in parentheses after inventor name	Street Address:
Additional name(s) of conveying party(les) attached? X Yes No 3. Nature of Conveyance: X Assignment Merger	LG TWIN TOWERS 20, YEOUIDO-DONG 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) Yes X No attached:
A. Patent Application No.(s) 12/561,353 Additional numbers attached	B. Patent No.(s) The second
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Kelly Y. Hwang LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Atty. Dkt.: LGCHEM 3.0-122	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	8. Payment Information
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers
Phone Number: (908) 518-6320	Expiration Date 12-1095
Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095 Authorized User Name Kelly Y. Hwang
Email Address: khwang@ldlkm.com	And tolling the same and same
9. Signature:	October 16, 2009 Date
Kelly Y, Hwang - 51,831	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

1085/02 1.DOC

PATENT REEL: 023387 FRAME: 0494

Form PTQ-1595	REÇORI	(continued)	
Additional Convey	ing Party(ies)/Exec	ution Date(s) (1. Continued):	
Hyeon-gook Kim (09	/16/2009), and Mycor	ig-soo Song (09/16/2009)	
Additional Assigne	es (2. Continued):		
	<u> </u>		_ -
Internal Address: Street Address			
City:	State:	Country:	Zip:
Assignee Name: Internal Address: Street Address:	<u>. </u>	<u> </u>	
City:	State:	Country:	Zip:
Assignee Name: Internal Address: Street Address:	<u> </u>	-	
City:	State:	Country:	Zip:
Additional Applica	ations and/or Paten	its (4. Continued):	
Additional Patent Applicat 4A, Continued:	ion Numbers	Additional Patent Numbers 4B. Continued:	
	Additional numbe	ers attached? Yes No	

Docket No.: LGCHEM 3.0-122

<u></u>	former PTQ/SB/15 (8-00) Modfled LDLK&M
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
ASSIGNIVIENT OF CHIEFT AFT LICATION	LGCHEM 3.0-122
Whereas, I, Je-sun Yoo	of Department of the second of
whereas, 1, <u>3e-sun 100</u> <u>25-55 Gujeong 2-ri, Ohcheon-eup, Nam-gu, Pohang-si;</u> <u>KOREA</u> 790-904	Gyeongsangouk-do; REPUBLIC OF
hereafter referred to as assignor, have with others invented cert THERMOPLASTIC RESIN COMPOSITION HAVING COLORING PROPERTY AND SCRATCH-RESISTAL	NCE
for which an application for a United States Letters Pal Application Number 12/561,353	ent was filed on Concurrently Herewith
for which an application for a United States Letters Pate	nt was executed by me on ,
for which an International Application was filed on	
, designating the Unite	d States.
And	
Whereas, LG Chem, Ltd.	
a corporation of Korea Republic of herein referred to as "assig	nee" whose mailing address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; S	eoul; REPUBLIC OF KOREA 150-721
is desirous of acquiring the entire right, title and interest in the	dollars (\$ 1.00), the receipt whereof
NOW, I HEREFORE, in consideration of the sain of the saknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Stainvention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the eforesaid utility application pursuant to any law or treaty, infringement with the right to sue for and collect the same for legal representatives, and including the right to claim such parademarks is hereby authorized and requested to issue all said assignee herein, as assignee of the entire interest representatives, heirs and assignee of the entire interest representatives, heirs and assignee or its assigns, to commit known to the undersigned respecting said improvements, who legal proceedings in which any of sald applications or patential rightful patent protection for seid improvements in all countries and paid by said assignee.	original, divisional, continuation, substitute or reissue e United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and riority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal actions for Letters Patent on said improvements and all nunicate to said assignee or its representatives all facts enever requested, to testify in any interferences or other aid assignee, its successors, assigns and nominees to the expenses incident to said applications to be borned.
And I do hereby authorize my attorneys to insert on this deed	the filing date and application number of said application
when known.	ngh
2009.09.16	
	Je-sun Yoo
Myung - Sam LEE TypedName of Witness	

LDLKM

1068110 1.DOC

LD-515

*Total of

forms are submitted.

	former PTO/SB/15 (8-00) Modified LDLKAM
	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.0-122
Whereas, I. Ki-young Nam	of
8-1104, Jungang Heights Apt.; Dundeok-dong, Yeosu-si 550-760	ain new and useful improvements in
THERMOPLASTIC RESIN COMPOSITION HAVING COLORING PROPERTY AND SCRATCH-RESISTAN	SUPERIOR FLAME RETARDANCT
for which an application for a United States Letters Pat Application Number 12/561,353	<u> </u>
for which an application for a United States Letters Pate	
for which an International Application was filed on , designating the United	•
And, designating the office.	. States.
Whereas, LG Chem, Ltd.	
a corporation of Korea, Republic of herein referred to as "assig	nee" whose mailing address is
LG Twin Towers; 20, Yeouldo-dong; Yeongdeungpo-gu; St	1001 KELOBUG OL KOKEY 100-151
is desirous of acquiring the entire right, title and interest in the s	dollars (\$ 1.00), the receipt whereof
NOW, THEREFORE, in consideration of the sum	coriginal, divisional, continuation, substitute or reissue united States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and clority or benefit and the Commissioner of Patents and calents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal ant without further remuneration, to execute and deliver thous for Letters Patent on said improvements and all united to said assignee or its representatives all facts mever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to, the expenses incident to said applications to be borne
when known	12006
	Ki-young Nam
Myungsam EE Typed Name of Witness	
x Total of 6 forms are submitted.	

PATENT REEL: 023387 FRAME 0497

	former PTO/SB/15 (8-00) Modified LDLK&M
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.0-122
Whereas, I, Yong-yeon Hwang	of
Whereas, I, Yong-yeon Hwang Yeolmae Maeul Apt., 603-601; #880 Jijok-dong, Yuseon	ig-qu; Daejeon; REPUBLIC OF KOREA
305-330	
hereafter referred to as assignor, have with others invented cert THERMOPLASTIC RESIN COMPOSITION HAVING COLORING PROPERTY AND SCRATCH-RESISTAN	NCE
for which an application for a United States Letters Pat	ent was filed on Concurrently Herewith
Application Number 12/561.353	 _
for which an application for a United States Letters Pate	nt was executed by me on
for which an International Application was filed on	
, designating the United	d States.
And	'
Whereas, LG Chem, Ltd.	h uhan milian addroné is
a corporation of Korea, Republic of herein referred to as assignment of the corporation o	nce" whose mailing address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Se is desirous of acquiring the entire right, title and interest in the s	same:
NOW, THEREFORE, in consideration of the sum of one	dollars (\$ 1.00), the receipt whereof
NOW, THEREFORE, in consideration of the sum of gree is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Stainvention and the aforesaid utility patent application and all applications and petents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, infringement with the right to sue for and collect the same for legal representatives, and including the right to claim such proceedings in the patents is hereby authorized and requested to issue all said assignee herein. As assignee of the entire interest representatives, heirs and assigns do hereby agree and covernall original, divisional, continuation, reissue and other applicates assignments thereof to said assignee or its assigns, to commit known to the undersigned respecting said improvements, whe legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed to the said application on the said applications.	original, divisional, continuation, substitute or reissue of United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past lits own use and the use of its successors, assigns and riority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal part without further remuneration, to execute and deliver attions for Letters Patent on said improvements and all facts anever requested, to testify in any interferences or other and assignee, its successors, assigns and nominees to the expenses incident to said applications to be borned.
when known.	
Cap KH 2509	2/4 3/2_
Date Date	Yong-yeon Hwang
My cun a Salan L Witness My cun y Salan LEE Typed Name of Witness	

forms are submitted.

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PATENT REEL: 023387 FRAME: 0498

	former PTO/SB/15 (B-00) Modified LDLK&M
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
ASSIGNMENT OF OTHER TAIL EIGHTON	LGCHEM 3.0-122
-	
Whereas, I, You-seck Sec	of
whereas, I, Tou-seok Seo 2-206, LG Dowon Sataek, 435; Ansan-dong, Yeosu-si;	<u> Jeonanam-go, Kepoblic Op Koklis</u>
555-050 hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in
THERMOPLASTIC RESIN COMPOSITION HAVING COLORING PROPERTY AND SCRATCH-RESISTAL	NCE
x for which an application for a United States Letters Pal Application Number 12/561,353	ent was filed on Concurrently Herewith
for which an application for a United States Letters Pate	nt was executed by me on ,
for which an International Application was filed on	
, designating the United	
And	• • • • • • • • • • • • • • • • • • • •
Manager LG Chem Ltd	
a compretion of Korea, Republic of herein referred to as "assig	mee" whose malling address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Se	eoul; REPUBLIC OF KOREA 150-721
is desirous of acquiring the entire right, title and interest in the s	same;
Is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Statistications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesald utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for legal representatives, and including the right to claim such provided assignee herein, as assignee of the entire interest representatives, heirs and essignee of the entire interest all original, divisional, continuation, release and other applications assignments thereof to said assignee or its assigns, to commit known to the undersigned respecting said improvements, whe legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries and paid by said assignee. And I do hereby authorize my attorneys to insert on this dead in the same said in the said and the said assignee.	original, divisional, collimitation, solutions for patents for said invention claiming priority or benefit of and including all claims for damages by reason of peakins own use and the use of its successors, assigns and incity or benefit and the Commissioner of Patents and patente on said improvements or resulting therefrom to therein; and the undersigned for me and my legal said without further remuneration, to execute and deliverations for Letters Patent on said improvements and administration to said assignee or its representatives all fact to said assignee, to testify in any interferences or other and assignee, its successors, assigns and nominees to, the expenses incident to said applications to be born.
when known.	
Ger 16. 2009	- gath
Date	You-seck Sec
Myung-Sam FF Typed Mame of Witness	
I khed iffering of Astriless	

forms are submitted.

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PATENT
REEL: 023387 FRAME: 0499 m

	former PTO/SB/15 (8-00) Modified LDLK&M
	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.0-122
	of
Wherees, I, Hyeon-gook Kim	
403-501, Shindonga Apt.; Sadang 2-dong, Dongjak-gu;	segui, REPOBLIC OF RONDA 100-771
hereafter referred to as assignor, have with others invented cert THERMOPLASTIC RESIN COMPOSITION HAVING COLORING PROPERTY AND SCRATCH-RESISTAL	SUPERIOR PLANE RETARDANCT
for which an application for a United States Letters Pat Application Number 12/561,353	ent was filed on Concurrently Herewith
for which an application for a United States Letters Pate	nt was executed by me on
for which an International Application was filed on	, as
, designating the United	d States.
And	
Whereas, LG Chem, Ltd.	-
a corporation of Korea, Republic of herein referred to as assign	inee" whose mailing address is
LG Twin Towers; 20, Yeouido-dong; Yeongdeungpo-gu; Se	eoul; REPUBLIC OF KOREA 190-721
is destrous of acquiring the entire right, title and interest in the s	ai 11 16 ,
assignee my entire right, the and therest in the chilectors invention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, a lofringement with the right to sue for and collect the same for legal representatives, and including the right to claim such proceedings as the reby authorized and requested to issue all praid assignee herein, as assignee of the entire interest representatives, heirs and assigns do hereby agree and covernall original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to commit known to the undersigned respecting said improvements, whe legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries and pald by said assignee.	patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and riority or benefit and the Commissioner of Patents and batents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal ant without further remuneration, to execute and deliverations for Letters Patent on said improvements and all functions for the said assignee or its representatives all facts may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to, the expenses incident to said applications to be borned.
And I do hereby authorize my attorneys to Insert on this deed twhen known.	the filing date and application number of said application
<u>Sep. 16,2009</u>	Hyeon-gook Kim
Myung-Sam LEE Typed Name of Witness	Hybori-gook Killi

forms are submitted.

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Total of

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REEL: 023387 FRAME 05000

ASSIGNMENT OF UTILITY APPLICATION Docket Number (Optional) LGCHEM 3.0-122 Whereas, I, Myeong-soo Song	
Mycong.con Song	
Whereas I Myeong-soo Song	
Whereas I Myeong-soo Song	
	of
315, LG Chem Ansan Sataek Dormitory Extension, 435; Ansan-dong, Yeosu-si; Jeollanam-do:	
REPUBLIC OF KOREA 555-050	
hereafter referred to as assignor, have with others invented certain new and useful improvements in THERMOPLASTIC RESIN COMPOSITION HAVING SUPERIOR FLAME RETARDANCY, COLORING PROPERTY AND SCRATCH-RESISTANCE	
for which an application for a United States Letters Patent was filed onConcurrently Herewith	
Application Number <u>12/561.353</u>	
for which an application for a United States Letters Palent was executed by me on	'
for which an International Application was filed on as	
, designating the United States.	
And	
Whereas, LG Chem, Ltd.	
a corporation of Korea, Republic of herein referred to as "assignoe" whose mailing address is	
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;	
is desirous or acquiring the entire light, the and interest in the same. NOW, THE DEFORE in consideration of the sum of one dollars (\$ 1.00), the rece	
NOW, THEREFORE, in consideration of the suit of the su	or reissue untries, for r benefit of son of pest ssigns and ratents and merefrom to find my legal and deliverents and all res all facts ses or other pers, make ominees to to be borne
when known.	- (-)-
Myny Fam JEF Typed Name of Witness	
X *Total of 6 forms are submitted.	-

PATENT REEL: 023387 FRAME 0504