PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dong-Wook LEE	03/28/2012
In-Seok HWANG	03/28/2012
Sang-Ki CHUN	03/28/2012
Ji-Young HWANG	03/28/2012
Hyeon CHOI	03/28/2012
Young-Jun HONG	03/28/2012
Su-Jin KIM	03/28/2012
Ki-Hwan KIM	03/28/2012

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	20 Yoido-dong, Yongdungpo-ku
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13785715

CORRESPONDENCE DATA

502253880

2024967756 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2024967106

Email: mlaip@mckennalong.com McKenna Long & Aldridge LLP Correspondent Name:

1900 K Street NW Address Line 1:

Address Line 2: Attorney Docket No. -----

Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

REEL: 029925 FRAME: 0694

PATENT

ATTORNEY DOCKET NUMBER:	29137.00825.US21
NAME OF SUBMITTER:	Mark R. Kresloff
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

PATENT REEL: 029925 FRAME: 0695

Assignment of Application

WHEREAS	Young HW	k LEE; In-Seok H WANG; Hyeon Cl	IWANG; Sar HOI; Young-	ng-Ki CHUI Jun HONG	N; Ji- ; Su-Jin
	KIM and K	Ki-Hwan KIM			
-				, res	pectively,
have invented cer	tain new and useful im	provements in:			
ELECTRICA	L CONDUCTOR AN	D A PRODUCT	TON METE	IOD THEE	FEOD
for which an appli	ication for Letters Pate	between sour Inc		100 Hills	Crok
		III Was executed	OII		
(Application No.	13/384,096	Piled	172		
		, Filed	January 13,	, 2012), and
WHEREAS,	LG Chem, LTD.			W	
(hereinafter referre	ed to as "ASSIGNEE") having a place (of business at	l:	
20, Yoido-dong, Y	oungdungpo-gu, Seou	ul 150-721 Reput	hlic of Karaa		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Page 1 of 2

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:_	March	79,7012	
			(Signature of Inventor)
			Dong-Wook LEE
Date:			
	•		(Signature of Inventor)
			In-Seok HWANG
Date:			
			(Signature of Inventor)
			Sang-Ki CHUN
Date:			
· <u></u>			(Signature of Inventor)
			Ji-Young HWANG
Dated			G
Date:			
			(Signature of inventor)
			Hyeon CHOI
Date:			
			(Signature of Inventor)
			Young-Jun HONG
Date:			
			(Signature of Inventor)
			Su-Jin KIM
Datet			
			(Signature of Inventor)
			Ki-Hwan KIM

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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Assignment of Application

I WHEDEAG	TAVES	Dan 177	F THE . I . C I T	111111111111111111111111111111111111111	
WHEREAS	,1(WE)	Young HW	ANG: Hyeon C	HWANG; Sang-Ki HOI; Young-Jun H	CHUN; Ji-
		KIM and Ki	i-Hwan KIM	.101, 10415 44111	iono, su-iii
					, respectively,
have invented cert	tain new a	ınd useful imp	provements in:	1	
ELECTRICAL	L COND	UCTOR ANI	D A PRODUCT	TION METHOD	THEREFOR
for which an appli					
<u> </u>				34 L	
(Application No.	13/384,0	J96	, Filed	January 13, 2012	2), and
WHEREAS,	LG Che	em, LTD.			
(hereinafter referre	ed to as "/	ASSIGNEE")	having a place	of business at:	
				·	
20, Yoido-dong, Y	oungdung	gpo-gu, Seoul	150-721, Repul	blic of Korea	
		*			

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Date:		
		(Signature of Inventor)
		Dong-Wook LEE
Date:	March 22, 2012	AN OWS
<u>-</u>		(Signature of Inventor)
		In-Seck HWANG
	March 28, 2-1;	III SCOK TOTALIO
Date:_	1 20 01 60	gaghi Uh.
		(Signature of Inventor)
	44 4 44	Sang-Ki CHUN
Date:	March 28, 2012	ah)
		(Signature of Inventor)
	1 - 1	Ji-Young HWANG
	March 28, 2012	
Date:_		1/1001
		(Signature of Inventor)
		Hyeon CHOI
Date:		
		(Signature of Inventor)
		Young-Jun HONG
Date:	March 28, 2012	win kim
Date:_		
		(Signature of Inventor)
	4 1 20 200	Su-Jin KIM
Date:	March 28, 20/2	" /1- /chem. /V-
		(Signature of Inventor)
		Ki-Hwan KIM

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006



Assignment of Application

WHEREAS, I (WE) Dong-Wook LEE; In-Seok HV Young HWANG; Hyeon CH KIM and Ki-Hwan KIM	VANG; Sang-Ki CHUN; Ji- OI; Young-Jun HONG; Su-Jin
	, respectively,
have invented certain new and useful improvements in:	
ELECTRICAL CONDUCTOR AND A PRODUCTI	ON METHOD THEREFOR
for which an application for Letters Patent was executed or	1

(Application No.		, Filed	January 13, 2012), and
WHEREAS,	LG Chem, LTD.			- 1 -
(hereinafter referre	ed to as "ASSIGNEE	") having a place of	of business at:	
20, Yoido-dong, Y	oungdungpo-gu, Seo	ul 150-721, Repui	blic of Korea	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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Date:	
	(Signature of Inventor) Dong-Wook LEE
Date:	Dong-Wook LCE
• •	(Signature of Inventor)
D	In-Seok HWANG
Date:	(Signature of Inventor)
	Sang-Ki CHUN
Date:	
	(Signature of Inventor) Ji-Young HWANG
Date:	
Date: March 28, 2012	(Signature of Inventor) Hyeon CHOI
	(Signature of Inventor) Young-Jun HONG
Date:	
	(Signature of inventor)
Date:	Su-Jin KIM
	(Signature of Inventor) Ki-Hwan KIM

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