## PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Jae Hun YANG	02/06/2009
Jong-yul RO	02/06/2009
Junill YOON	02/10/2009

#### **RECEIVING PARTY DATA**

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12300772	

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 5097-0112PUS1 NAME OF SUBMITTER: Craig A. McRobbie

Total Attachments: 2

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REEL: 022849 FRAME: 0493

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## **ASSIGNMENT**

Application Insert Name of Assignee Insert Address of Assignee  its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) desirous of acquiring the entire right, title and interest in and to said invention and in and to any Lette Patent(s) that may be granted therefor in the United States of America and    X   in any foreign countries.  NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10,00) to the undersigned in har paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, it undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign ar transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and a uny and all Letters Patent(s) which may be granted therefor in the United States of America.	Application No.	12/300,772	Filed _	Novembe	r 13,	2008	***********
Insert Title of Invention  Insert Title of Invention  Insert Date of Signing of Application Application Insert Address of Assignce Its hoirs, successors, logal representatives and assigns (hereinafter designated as the Assignce) desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letter Patent(s) that may be granted therefor in the United States of America and In any foreign countries.  NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10,00) to the undersigned in har paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, it undersigned has (have) sold, assigned and transferred, and by these presents does self, assign ar transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and any and all Letters Patent(s) which may be granted therefor in the United States of America, it territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;  and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and the any and all divisions, reissues, continuations, conversions and extensions thereof for the full and the any and all divisions.		***(Given Name FAMILY NA	ME (ALL CA)	PS))***			
for which an application for Letters Patent of the United States of America has been executed by a undersigned (except in the case of a provisional application)  Insert Date of Signing of Application  on	,,	WHEREAS, Jae Hun YANG; Jong-yul RO undersigned) has (have) invented certain new an	; and Juniii d useful imp	I YOON (her rovements in:	oinafter d	esignated a	ns the
Insert Date of Signing of Application  on February 6, 2009, and February 10, 2009  iand Application Insert Name of Assignee Insert Address of Assignee  of Assignee  its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letter Patent(s) that may be granted therefor in the United States of America and  If APPROPRIATE  NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in har paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, if undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign an transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;  and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and the full and the full and the full and extensions and extensions thereof for the full and the full		BMS HAVING WATERPROOF FUNCTION					
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of 20, Yoido-dong, Youngdungpo-gu, Scoul, 150-721, REPUBLIC OF KOREA  its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letter Patent(s) that may be granted therefor in the United States of America and  In any foreign countries.  NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10,00) to the undersigned in har paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, it undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign an transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and any and all Letters Patent(s) which may be granted therefor in the United States of America, it territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;  and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full and the any and all divisions.	Insert Name	WHEREAS, LG CHEM, LTD.					
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		and to any and all divisions, reissues, continuat term or terms for which the same may be granted.	ions, convor	sions and exte	nsions the	roof for the	e full

#### Attorney Docket No. 5097-0112PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may does necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Name of Inventor (signature) Jac Hun YANG
Date <u>Z049, Z.6</u> .	Name of Inventor (signature) Jong-yul (10
Dato 2009-2-/0	Name of Inventor Mazza Charles April 1900N