PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
You-Jin KYUNG	06/14/2013
Hee-Jung KIM	06/14/2013
Kwang-Joo LEE	06/14/2013
Jung-Hak KIM	06/14/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14006062

CORRESPONDENCE DATA

Fax Number: 2027836031

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

Phone: 2027836040 Email: jfu@rfem.com

Correspondent Name: ROTHWELL, FIGG, ERNST & MANBECK, P.C.

Address Line 1: 607 14th Street, N.W.

Address Line 2: Suite 800

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	3570-274	
NAME OF SUBMITTER:	Michael V. Battaglia, Reg. No. 64,932	
Signature:	/Michael V. Battaglia/	

502500912 REEL: 031235 FRAME: 0406

14006062

00 075 HO

Date:	09/18/2013
Total Attachments: 2 source=3570-274 Assignment#page1.tif source=3570-274 Assignment#page2.tif	

PATENT REEL: 031235 FRAME: 0407 by

ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION FOR THE UNITED STATES OF AMERICA

IN CONSIDERATION of good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S))

Name: LG CHEM, LTD.

Address: 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korca

(hereinafter ASSIGNEE), the reccipt and adequacy of which hereby acknowledged, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled:

NOVEL POLYAMIC ACID, PHOTOSENSITIVE RESIN COMPOSITION,

DRY FILM AND CIRCUIT BOARD

for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application is identified herein and/or is further identified as follows

U.S. Serial No. or PCT Appln. No.: PCT/KR2012/001963, Filing Date: March 19, 2012 (Rothwell, Figg, Ernst & Manbeek is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue, reexamination or extension thereof or Letters Patent, reissue patent or reexamination certificate issued thereon, and all rights connected therewith, and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE's choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, the undersigned ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: 71471/	Date: June 14, 2013
Typed Name: KYUNG, You-Jin	
Signature: 2 3 M	Date:June 14, 2013
Typed Name: KIM, Hee-Jung	

Signature: Ol H	Date: June 14, 2013
Typed Name: LEE, Kwang-Joo	
Signature:Typed Name: KIM, Jung-Hak	Date: June 14, 2013
WITNESSES: (optional)	
Signature:	Date:
Typed Name:	
Signature:	Date:

NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION.