#### 505270303 01/09/2019

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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JUN SIK SUH	11/22/2018
KYUNGJUN KIM	12/17/2018

#### **RECEIVING PARTY DATA**

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State/Country:	KOREA, REPUBLIC OF
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16316536

#### **CORRESPONDENCE DATA**

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DATE SIGNED:	01/09/2019

#### **Total Attachments: 4**

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PATENT 505270303 REEL: 047944 FRAME: 0269

### ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION FOR ALL COUNTRIES

BE IT KNOWN THAT, for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S)) by

Name: LG CHEM, LTD.

128, Yeoui-daero, Yeongdeungpo-gu,

Address: Seoul 07336

Republic of Korea

(hereinafter ASSIGNEE),

the receipt and adequacy of which is 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:

#### DIAMINE COMPOUND AND METHOD FOR PRODUCING SAME

for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

U.S. Serial No. or PCT Appl. No.: <u>PCT/KR2017/008712</u> Filing Date: <u>August 11, 2017</u>

(Rothwell, Figg, Ernst & Manbeck 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 on any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, 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 or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon 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.

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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, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature:		Date: Dec. 17. 2018
Typed Name: Cheolmin YUN	***************************************	112000
p		
Signature:		Date:
Typed Name: Jun Sik SUH		
Signature:	W	Date: Dec. 19,20/8
Typed Name: Kyungjun KIM		
ACCEPTED AND ACKNOWLEDGED FOR	AND ON BEHALF OF THE ASSIC	NEE:
Assignee Name:	LG CHEM, LTD.	
Signature of Authorized Person:	VIOL	
Typed/Printed Name of Authorized Person:		
Title:		
Date:	VARIABARARARARARARARARARARARARARARARARARA	

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Page 2 of 2 Last Modified 12/17/2018



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# ASSIGNMENT BY INVENTORISI OF PATENT APPLICATION FOR ALL COUNTRIES

BE IT KNOWN THAT for good and valuable consideration paid to the undersigned inventor's) (hereinalter ASSICNOR(S)) by

Name LG CHEM LTD

ga yaqqadaero Yeongdeungsogi

Address Seoul 07336

Republic of Norea

(seconater ASSIGNEE).

the receipt and adequacy of which is higgeby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and constents to ASSIGNEE

all of his/her ngol, it has and interest in. to and under the invention and application entitled:

## DIAMINE COMPOUND AND METHOD FOR PRODUCING SAME

for which application for Letters Patent of the United States ASSIGNOR(6) is are the cole or a joint eventor and which application was executed on even date horewith or is identified as follows:

U.S. Sensi No. or PCT Appl. No. <u>PCT/KR2017/008712</u> Filing Date: <u>August 11, 2017</u>

PULLER FOR Excellent territorial autoritation for some core, send or appreciate musical and core care research and around

and all Letters Patent of the United States to be obtained on said application or on any continuation between consistent presentation or extension thereof and all rights connected therewith, and all spice along for Letters Patent which may hereafter be filed for each invention or any country or crummes to sign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, represents and reassues thereof and all rights of profity in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or countries to recover dangues for any and all terms or terms for which the same may be granted including all central or recover dangues for any and all past intringement, and

AGS/GRORIS regreets to execute all papers recessary in connection with said application and any continuing, divisional, ressue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASS/GREE may deem recessary.

ASSIGNORIS) agreets 1 to execute all papers necessary in connection with any interference ingular nor other legal proceeding which may be declared concerning this application or any continuation, division, ressue or resomination thereof or Letters Patent reissue patent or resymmation contribute issued thereon and to cooperate with ASSIGNEE in every way possible in distance and proceeding with such interference, its above, or other legal proceeding.

ASSIGNOR(S) coverients that he/she has the full right to convay the entire interest herein assumed and has not executed, and will not execute, any agreement in conflict hereign.

per Studified 11/2/2010

Robinst Frys. (no. & Modern.)

Angree Darket No.

A STORE School appropriate that A STORE may appear any appropriate or providence of a STORE School to proceed any approximation or other legal proceeding processing seat invention and A STORES by the acknowledges that any attorney or precincing so appointed by a STORE forest ACTIONAL and that such appointment by ACTIONEE does not cause any attorney other relationship between ACTIONAL and any attorney or practitions appoint to ACTIONAL.

IN WITNESS WHENEOF, ASSIGNORIS) have affixed his/her signature below.

Signature Typed Name: Chephain YUN	Date		
Signature Typed Name: Jun Sik SÜH	Date	100	
Secretarie Typed Name: Kyungiun KIMI	Date		
ACCEPTED AND ACKNOWLEDGED FOR AND ON BEHALF OF THE ASSIG	SNEE		
Signature of Authorized Person			
Types Panted Name of Authorized Person			
Title			
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