PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2869674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BYUNG HUN CHAE	04/17/2014
SEONG SOO LIM	04/17/2014
CHEON IK JOO	04/17/2014
JUNG YEOP LEE	04/17/2014
SOOK YOUNG JIN	04/17/2014

RECEIVING PARTY DATA

Name:	LOTTE CHEMICAL CORPORATION	
Street Address:	eet Address: (SINDAEBANG-DONG) 51 BORAMAE-RO 5-GIL	
Internal Address:	DONGJAK-GU	
City:	SEOUL	
State/Country: REPUBLIC OF KOREA		
Postal Code:	156-711	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14360507

CORRESPONDENCE DATA

Fax Number: (704)444-1111

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 704-444-1000

Email: patent-mail@alston.com **Correspondent Name:** ALSTON & BIRD LLP

Address Line 1: BANK OF AMERICA PLAZA

Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000 Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	038779/445219
NAME OF SUBMITTER:	GUY R. GOSNELL
SIGNATURE:	/Guy R. Gosnell/
DATE SIGNED:	05/23/2014

Total Attachments: 2

502823078

REEL: 033012 FRAME: 0963

PATENT

source=445219 - Signed Assignment#page1.tif source=445219 - Signed Assignment#page2.tif

> PATENT REEL: 033012 FRAME: 0964

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

LOTTE CHEMICAL CORPORATION (Sindaebang-dong) 51 Boramae-ro 5-gil, Dongjak-gu, Seoul 156-711, Republic of Korea

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

PREPARATION METHOD OF CATALYST FOR POLYMERIZATION OF POLYOLEFIN AND PROCESS FOR POLYMERIZATION OF POLYOLEFIN USING THE SAME

as set forth in this United States Patent Application

\boxtimes	executed concurrently herewith		
	executed on		
	Application No; filed	_	
	Application claims priority from Application No.	, filed	, all applications listed
	above being hereinafter referred to as the "application	on(s)":	

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

> PATENT REEL: 033012 FRAME: 0965

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

2014. 4. 17	如肠色
Date	CHAE, Byung Hun
2014, 6,17	seone de
Date	LIM, Seong Soo
2014.4.17	子礼95
Date	JOO, Cheon Ik
2014. 4.17	0135
Date	LEE, Jung Yeop
2014 4 10	진숙명
2014. 4 . 17 Date	JIN, Sook Young