503224114 03/18/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIKHASIT SINTHUSAI	12/15/2014
ROMAN STRAUSS	12/15/2014
SIRIPORN THUMSURUK	12/15/2014
AWIRUTH ITSARIYA-ANAN	12/15/2014

RECEIVING PARTY DATA

Name:	IRPC PUBLIC COMPANY LIMITED.
Street Address:	299 MOO 5, SUKHUMVIT ROAD, TUMBON CHUENGNUEN, AMPHOR MUANG
City:	RAYONG
State/Country:	THAILAND
Postal Code:	21000

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14412427	

CORRESPONDENCE DATA

Fax Number: (703)563-9748

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: 703-5468554

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Correspondent Name: NOVICK, KIM & LEE, PLLC Address Line 1: 1604 SPRING HILL ROAD VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	PK1100825
NAME OF SUBMITTER:	YUE NI
SIGNATURE:	/Yue Ni/
DATE SIGNED:	03/18/2015

Total Attachments: 2

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PATENT 503224114 REEL: 035192 FRAME: 0336

ASSIGNMENT OF PATENT APPLICATION

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as ASSIGNOR), has/have invented a certain improvement relating to a

A CATALYST FOR OLEFIN POLYMERIZATION AND A METHOD FOR THE PREPARATION THEREOF

for which I/we EXECUTED AN APPLICATION FOR Letters Patent of the United States which was or will be filed in the United States Patent and Trademark Office (hereinafter referred to as said APPLICATION).

AND WHEREAS, IRPC PUBLIC COMPANY LIMITED, a corporation organized and existing under the laws of Thailand, whose post office address is 299 Moo 5, Sukhumvit Road, Tumbon Chuengnuen, Amphor Muang, Rayong 21000, Thailand (hereinafter referred to as the ASSIGNEE), is desirous of acquiring the entire right, title and interest for the United States to said APPLICATION and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof.

NOW THEREFORE, in consideration of the sum of one U.S. dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns, sells, transfers and sets over onto the ASSIGNEE, its assigns and legal representatives, the entire right, title and interest for the United States to said APPLICATION and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including the terms of any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, the ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent, and any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, respectively, and including all causes of action that may have accrued with respect to said APPLICATION, any patent damages from infringement, and any royalties that may be owed and due thereon, and all claims for damages by reason of past infringement of said APPLICATION with the right to sue for, and collect the same for the ASSIGNEE's own use, all as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

If this Assignment is filed after the filing date of said APPLICATION, the undersigned hereby authorize and request any one of the attorneys or agents of record in said APPLICATION, including Jae Youn Kim, Reg. No. 69,215, of the firm of Novick, Kim and Lee, PLLC, whose

PATENT REEL: 035192 FRAME: 0337 address is 1604 Spring Hill Road, Suite 320, Vienna, VA 22182 to insert here in parenthesis (Application No. 14/412,427 (inserted after signing), filed on December 31, 2014 (inserted after signing)) the filing date and application number of said APPLICATION when known.

And for the same consideration aforesaid, the ASSIGNOR agrees that the ASSIGNOR will, upon written request, without expense to ASSIGNEE, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reexamination, reissue, renewal, revalidations and/or extension applications thereof in the United States, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by the ASSIGNEE, or any assignee thereof, or by counsel for the ASSIGNEE, to assist or enable the ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This Assignment shall be binding upon the ASSIGNOR and the heirs, executors, administrators, successors and/or assigns of the ASSIGNOR, and shall inure to the benefit of the ASSIGNEE and the heirs, executors, administrators, successors, beneficiaries, distributees and/or assigns, as the case may be, of the ASSIGNEE.

AND the ASSIGNOR authorizes and requests the Director of the U.S. Patent and Trademark Office to issue Letters Patent on said APPLICATION, and on any divisions and continuations thereof, to the ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this Assignment is executed by the ASSIGNOR.

i. foll name of sole or first assignor Likhasit SINTHUSAI	ASSIGNORS SIGNATURE	DATE 15 December 2014
ADDRESS 299 Moo 5, Sukhumvit Road, Tumbon C 21000, Thailand	Chuengnuen, Amphor Muang, Rayong	CITIZENSHIP TH
2. FULL NAME OF SECOND ASSIGNOR, IF ANY ROMAN STRAUSS	ASSIGNORS SIGNATURE //	DATE 15 December 2014
ADDRESS 299 Moo 5, Sukhumvit Road, Tumbon Chuengnuen, Amphor Muang, Rayong 21000, Thailand		DE DE
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Siriporn THUMSURUK	ASSIGNOR'S SIGNATURE	DATE 15 December 2014
ADDRESS 299 Moo 5, Sukhumvit Road, Tumbon Choengmen, Amphor Muang, Rayong 21000, Thailand		спиваяни ТН
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY Awiruth ITSARIYA-ANAN	ASSIGNOR'S SIONATURE	DATE 15 December 2014
ADDRESS 299 Moo 5, Sukhumvit Road, Tumbon Chuengnuen, Amphor Muang, Rayong 21000, Thailand		CITIZENSHIP TH

PATENT REEL: 035192 FRAME: 0338

RECORDED: 03/18/2015