PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3312080

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEONG HOON KIM	04/10/2015
HEE MOON PARK	04/10/2015
BONG JUN CHANG	04/10/2015
MIHYE YI	04/10/2015
EUN-HEE KIM	04/10/2015
CHAE YOUNG PARK	04/10/2015

RECEIVING PARTY DATA

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City:	DAEJEON	
State/Country:	ate/Country: KOREA, REPUBLIC OF	
Postal Code:	305-343	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14687353		

CORRESPONDENCE DATA

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

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NAME OF SUBMITTER:	TAFFIE JONES
SIGNATURE:	/Taffie Jones/
DATE SIGNED:	04/15/2015

Total Attachments: 3

PATENT REEL: 035416 FRAME: 0183

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> PATENT REEL: 035416 FRAME: 0184

UNITED STATES OF AMERICA ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

KIM, Jeong Hoon

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PARK, Chae Young

#108-201 hanwha Ggumegreen Gwanpycong-dong Yuseong-gu Daejeon 305-741 Republic of Korea

hereby sells, assigns and transfers to

PATENT REEL: 035416 FRAME: 0185

ASSIGNEE:

KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY

100 Jang-dong Yuseong-gu Daejeon 305-343 Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

TITLE OF INVENTION:

Polyimide-based macromolecular compound and gas-separation asymmetrical hollow-fibre
membrane comprising the same and which is found in (37 CFR 3.21) - (check applicable
item(s) below)
(a) Not yet filed U.S. patent application executed on even date herewith
(b) Not yet filed U.S. patent application executed on (insert date of execution of Declaration)
To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(c) U.S. patent or provisional patent application No.
(d) U.S. designation of International application No. <u>PCT/KR2013/009203</u> filed on <u>October 15, 2013</u>

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

PATENT REEL: 035416 FRAME: 0186

IN	WITNESS	WHEREOF,	we have	set our	hand and s	eal
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April 10, 2015	
Date	KIM, Jeong Hoon
April 10, 2015	
Date	PARK, Hee Moon
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April 10, 2015	8.1. chang.
Date	CHANG, Bong Jun
April 10, 2015	73
Date	YI, Mihye
April 10, 2015	Ember
Date	KIM, Eun-Hee
April 10, 2015	
Date	PARK, Chae Young

L&P 09/2012 (Assignment -- entire interest - US rights only)

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RECORDED: 04/15/2015