504946120 06/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4992867

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONG KEUN CHANG	06/01/2018
MINKEE CHOI	06/01/2018
MYOUNG YEOB KIM	06/01/2018

RECEIVING PARTY DATA

Name:	ADVANCED BIOMASS R&D CENTER	
Street Address:	#2502 BUILDING W1-3, KAIST, 291, DAEHAK-RO, YUSEONG-GU	
City:	DAEJEON	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15988363

CORRESPONDENCE DATA

Fax Number: (919)419-9354

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: (919) 419-9350

Email: HIP@HULTQUISTIP.COM

Correspondent Name: HULTQUIST, PLLC **Address Line 1:** P.O. BOX 14329

Address Line 4: RESEARCH TRIANGLE PK, NORTH CAROLINA 27709

ATTORNEY DOCKET NUMBER:	4240-426
NAME OF SUBMITTER:	STEVEN J. HULTQUIST
SIGNATURE:	/steven j. hultquist/
DATE SIGNED:	06/06/2018

Total Attachments: 2

source=426 (PF-B2059-US) (06-05-18) Assignment - Signed_E#page1.tif source=426 (PF-B2059-US) (06-05-18) Assignment - Signed_E#page2.tif

PATENT 504946120 REEL: 045996 FRAME: 0281

Docket No.: 4240-426 Assignment

ASSIGNMENT

We, YONG KEUN CHANG, MINKEE CHOI, and MYOUNG YEOB KIM, have made an invention the specification of which is described in the U.S. Patent Application No. 15/988,363 filed on May 24, 2017, claiming priority under 35 U.S.C. § 119 of Korean Patent Application No. 10-20170063879, and entitled:

"HYDROCRACKING CATALYST BASED ON HIERARCHICALLY POROUS BETA ZEOLITE AND METHOD OF PREPARING THE SAME AND METHOD OF PREPARING BIO-JET FUEL FROM TRIGLYCERIDE-CONTAINING BIOMASS USING THE SAME"

We hereby assign to ADVANCED BIOMASS R&D CENTER, #2502 Building W1-3, KAIST, 291, Dachak-ro, Yuseong-gu, Daejeon, Republic of Korea, all ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) non-provisional, continuing, divisional and continuation-in-part applications based on and claiming benefit and/or priority of said U.S. Patent Application; and
- (iii) U.S. Patents on the invention.

We are making this assignment based on our business relationship with ADVANCED BIOMASS R&D CENTER.

We respectfully request the Commissioner for Patents of the United States to issue patents on the invention to:

ADVANCED BIOMASS R&D CENTER

as owner of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to ADVANCED BIOMASS R&D CENTER all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We declare that we have not done anything in conflict with this Assignment.

Yong Keun Chang

Date (mm/dd/yyyy)

Docket No.: 4240-426 Assignment

Minkee Chei

Minkee Choi

Minkee Choi

Date (mm/dd/yyyy)

Myoung Yeob Kim

Date (mm/dd/yyyy)