

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	02/04/2016
BIOFUELCHAM CO.	01/13/2016
GS CALTEX CORPORATION	01/11/2016
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	13497736
Application Number:	13497743
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DATE SIGNED:	02/04/2016
Total Attachments: 2	
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source=US_ASS#page2.tif	

ASSIGNMENT

WHEREAS, Korea Advanced Institute of Science and Technology, a corporation of Republic of Korea, located and doing business at 373-1, Guseong-dong, Yuseong-gu, Daejeon 305-701, REPUBLIC OF KOREA; BIOFUEL-CHEM CO., a corporation of Republic of Korea, located and doing business at Hall A address, Co. #6, 33-5, Gwahangno, Yuseong-gu, Daejeon, 305-701, REPUBLIC OF KOREA; and GS CALTEX CORPORATION, a corporation of Republic of Korea, located and doing business at 593, N. Ohhyeon-ro, Gangnam-gu, Seoul 061-41, REPUBLIC OF KOREA (hereinafter Assignor) are a joint owner of U.S. Patent Nos. 8,765,446 issued on July 01, 2014 and 9,996,872 issued on August 04, 2015 by virtue of an Assignment, (Rec'd/Frame: 028815/0206, recorded on August 20, 2012 and Rec'd/Frame: 028956/0745, recorded on September 13, 2012)

WHEREAS, GS CALTEX CORPORATION, a corporation of Republic of Korea, located and doing business at 502, Namhyeon-ro, Gangnam-gu, Seoul 06141, REPUBLIC OF KOREA (hereinafter Assignee) is desirous of acquiring the complete title and interest in said Patent Applications.

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents do sell, assign and transfers unto said Assignee, its successors, legal representatives, heirs and assigns the entire right, title and interest in the United States to said invention as described in said U.S. Patent Nos. 8,765,446; 9,096,872, and all re-issues, or extensions of said Letters Patents to be held and enjoyed by said Assignee for its own use, or for its legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patents and Patent Applications are granted, and any extensions thereof, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made, and for the same consideration said Assignor hereby covenants and agrees that at the time of execution and delivery of this instrument it is the lawful owner of the complete right, title and interest in and to said invention and said Patent Applications above mentioned, and its interest is unencumbered and that it has good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same consideration Assignor hereby covenants and agrees that it will, when ever counsel for said Assignee, or counsel for their legal successors, legal representatives, heirs or assigns shall advise that any proceedings in connection with said Letters Patents and Patent Applications or any re-issue or extension of said Letters Patents and Patent Applications to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be

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done for the procurement, maintenance, enforcement and defense of said Letters Patent, without charge to said Assignor, its successors, legal representatives, heirs and assigns, but at the expense of said Assignee, their successors, legal representatives, heirs and assigns.

Assignors hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement

Assignors hereby grants Haupman Han, LLP, 2318 Mill Rd, Suite 1400, Alexandria, VA 22314, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Assignors:

Korea Advanced Institute of Science and Technology

Date: Feb. 4, 2016

Signature: [Signature]

Name: Joonho Yim

Title: Manager

BIOFUELICHEM CO.

Date: Jan. 13, 2016

Signature: Yu-Sin Jang

Name: Yu-Sin Jang

Title: CEO

GS CALTEX CORPORATION

Date: Jan. 11th, 2016

Signature: [Signature]

Name: Han Young Jin

Title: General Manager

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