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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUR HAN KWON	02/02/2017
MI JIN JANG	02/03/2017
JAE HYOUNG SONG	02/02/2017
GANSUKH ENKHTAIVAN	02/02/2017
SEI RYANG OH	02/03/2017

RECEIVING PARTY DATA

Name:	KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY
Street Address:	125, GWAHAK-RO, YUSEONG-GU
City:	DAEJEON
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Postal Code:	305-806

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15389248

CORRESPONDENCE DATA

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Total Attachments, 2	
DATE SIGNED:	04/13/2017
SIGNATURE:	89255/DH/for John P. White
NAME OF SUBMITTER:	DARREN HABER
ATTORNEY DOCKET NUMBER:	89255/JPW/CAE

Total Attachments: 3

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Attorney Docket No. 89255/JPW/CAE

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Dut Han Kwon, c/o Korea Research Institute of Bioscience and Biotechnology, 125, Gwahak-ro, Yuseong-gu, Daejeon 305-806, Republic of Korea; Mi Jin Jang, c/o Korea Research Institute of Bioscience and Biotechnology, 125, Gwahak-ro, Yuseong-gu, Daejeon 305-806, Republic of Korea; Jae Hyoung Song, of 6, Aemakgol-gil 20bcon-gil, Chuncheon-si, Gangwon-do 200-936, Republic of Korea; Gansukh Enkhtaivan c/o Korea Research Institute of Bioscience and Biotechnology, 125, Gwahak-ro, Yuseong-gu, Daejeon 305-806, Republic of Korea; Effective December 22, 2016

Hereby sell, assign and transfer to Korea Research Institute of Bioscience and Biotechnology, a corporation of Korea, having a place of business at 125, Gwahak-ro, Yuseong-gu, Daejeon 305-806, Republic of Korea and its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on 02/02/2017; 02/03/2017; and 02/04/2017 and is entitled

ANTIVIRAL COMPOSITION CONTAINING MATERIAL INVOLVED IN PHOSPHATIDYLCHOLINE SNYTHESIS PATHWAY

U.S. Serial No. 15/389,248, filed December 22, 2016, continuation-in-part of PCT International Application No. PCT/KR2015/006469, filed June 25, 2015, claiming priority of Korean Patent Application No. KR 10-2014-0078364, filed June 25, 2014

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner for Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

IPW Rev. April 19, 2007

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions. in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: <u>Teb 2</u> 2017	Durden Kwon
Witness: //* [signature]	en e
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PXM197 BTUN (printed name)
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Witness: /www [signstore]	Jae Hyoung Song	
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