505955857 03/08/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YE JIN	02/21/2020

RECEIVING PARTY DATA

Name:	NEW PORTAL LIMITED	
Street Address:	ROOMS 2202-2203, 22/F, HARBOUR CENTRE	
Internal Address:	25 HARBOUR ROAD, WANCHAI	
City:	HONG KONG	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16644940

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: EAGLE IP LIMITED

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ATTORNEY DOCKET NUMBER:	N026.001.NPOUS
NAME OF SUBMITTER:	JOON HYUK IMM
SIGNATURE:	/Joon Hyuk Imm/
DATE SIGNED:	03/08/2020

Total Attachments: 2

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PATENT 505955857 REEL: 052047 FRAME: 0169

ASSIGNMENT

WHEREAS, I,

JIN, Ye, a Hong Kong resident, located at Rooms 2202-2203, 22/F, Harbour Centre, 25 Harbour Road, Wanchai, Hong Kong (hereinafter "Assignors"), made certain new and useful inventions and improvements (hereinafter "Inventions and Improvements") that have been documented in a specification entitled "Nucleic Acid Systems That Enable Bacteria to Specifically Target Solid Tumors via Glucose-Dependent Viability"; for which we have executed application for patent in the United States (hereinafter "Application")

filed on Mar 5, 2020 under serial number 16644940 ; (in the event that the filing date and/or Serial No. are not entered at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys at EAGLE IP LIMITED of Room 508-509 Global Gateway Tower, 63 Wing Hong Street, Lai Chi Kok, Hong Kong, to insert above the filing date and Serial No. of said application when known.)

AND WHEREAS, New Portal Limited, a limited company organized and existing under and by virtue of the laws of Hong Kong, and having an office and place of business at Rooms 2202-2203, 22/F, Harbour Centre, 25 Harbour Road, Wanchai, Hong Kong (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said Inventions and Improvements and said Application and in and to the patent to be obtained therefrom;

NOW THEREFORE, to all whom it may concern, be it known that in consideration of One Dollar (USD 1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We have sold, assigned, and transferred, and by these present do sell, assign and transfer unto said Assignee, its successors, legal representatives or assigns, the entire right, title and interest for all countries in and to all inventions disclosed in said Application, and in and to the said Application, all divisions, continuations or renewals thereof, all patents which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any country or countries foreign to the United States for patents on said Inventions and Improvements, including an assignment of all rights under the provisions of the International Convention, and all patents of any country or countries foreign to the United States which may be granted therefrom; and We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue any and all United States Patents, and any official of any country or countries foreign to the United States, whose duty is to issue patents on applications as aforesaid, to issue any and all patents, for the said Inventions and Improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of said Assignee, its successors, legal representatives and assigns.

AND, for the consideration aforesaid, We do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors, legal representatives and assigns all facts known to us relating to said Inventions and Improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors, legal representatives or assigns the entire right, title and interest in and to the said Inventions and Improvements, Application, patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

SIGNED this day of 2 , 2020 in Phanghae . Mina (month) (vest) (city) (country)

PATENT REEL: 052047 FRAME: 0170 Assignor

\$18.7 No.

Rooms 2202-2203, 22/F, Harbour Centre, 25 Harbour Road, Wanchai, Hong Kong Assignee:

New Portal Limited

Rooms 2202-2203, 22/F, Harbour Centre, 25 Harbour Road, Wanchai, Hong Kong JIN, Ye CEO

> PATENT REEL: 052047 FRAME: 0171

RECORDED: 03/08/2020