

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNGSOO SUK	03/22/2012
JUSTIN SCOT HANES	03/27/2012
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15144077
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ATTORNEY DOCKET NUMBER:	JHU C 11417 CON
NAME OF SUBMITTER:	CINDY PHILLIPS
SIGNATURE:	/Cindy Phillips/
DATE SIGNED:	08/01/2016
Total Attachments: 3	
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ASSIGNMENT

ROM 2/18/2013 Scot
Scott Hanes of 5416 Purlington Way, Baltimore, Maryland 21212, for good and valuable
consideration from The Johns Hopkins University, a University of the State of Maryland, having
its principal place of business at 3400 EMD 2/18/2013 5th Floor, Baltimore, Maryland 21201 ROM 2/18/2013
(hereinafter said "Assignee"), the receipt of which is hereby acknowledged, do hereby sell,
assign and transfer unto said Assignee, its successors and assigns, the entire interest for the
United States of America, and its territories and all foreign countries and jurisdictions, including
all rights of priority under the International Convention for the Protection of Industrial
Property, in (1) a certain invention(s) and/or improvement(s) in "*Mucus Penetrating Gene
Carriers*" described in International Application No. PCT/US2012/024344 filed in the United
States Receiving Office for the Patent Cooperation Treaty on February 8, 2012, by The Johns
Hopkins University, JungSoo Suk and Justin Scott Hanes and in the provisional application to
which priority is claimed, being U.S. Provisional Application Serial No. 61/440,647 filed in the
United States Patent and Trademark Office on February 8, 2011, (2) International Application
No. PCT/US2012/024344 filed February 8, 2012 and U.S. Provisional Application No. 61/440,647
filed February 8, 2011, and (3) all Letters Patent of the United States and its territories and all
foreign countries and jurisdictions which may or shall be granted on said invention(s), or on said
application(s), or any provisional, divisional, continuation, reissue, or other applications based
thereon. And we agree, for ourselves and our executors and administrators, with said Assignee
and its successors and assigns, but at its or their expense or charges, hereafter to execute all
applications, amended specifications, deeds or other instruments, and to do all acts necessary
or proper to secure the grant of Letters Patent in the United States and its territories and in all
other foreign countries and jurisdictions to said Assignee, with specifications and claims in such
form as shall be approved by the counsel of said Assignee, and to vest and confirm in said
Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks
of the United States to issue such Letters Patent as shall be granted upon said application or
applications based thereon to said Assignee, its successors and assigns.

And we each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

And we each individually do hereby authorize Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filed date(s), and attorney docket number(s), if necessary.

WITNESS my hand and seal this 22nd day of March, 2012.


JungSoo Suk

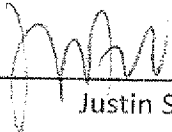
State of Maryland
County of Baltimore City

Then personally appeared the above named JungSoo Suk and acknowledged the foregoing instrument to be his/her free act and deed, before me this 23 day of MARCH, 2012.


Notary Public

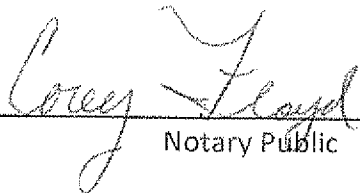
My Commission expires: 3/17/2013

WITNESS my hand and seal this 27 day of MARCH, 2012.


Justin Scott Hanes JH 3/28/12

State of MARYLAND)
County of Baltimore)

Then personally appeared the above named Justin Scott Hanes and acknowledged the foregoing instrument to be his/her free act and deed, before me this 27 day of MARCH, 2012.


Notary Public

My Commission expires: 3/17/2013