504424684 06/21/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JULIA A. SUNG	06/20/2017
DAVID M. MARGOLIS	06/20/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15514420	

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SIGNATURE:	/Alice Crowe/
DATE SIGNED:	06/21/2017

Total Attachments: 5

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PATENT 504424684 REEL: 042772 FRAME: 0611

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PATENT REEL: 042772 FRAME: 0612

ASSIGNMENT

WHEREAS, the undersigned, to wit:

Julia A. SUNG residing at University of North Carolina at Chapel Hill, Department of Medicine, 2060 Genetic Medicine Building, CB#7042, 120 Mason Farm Road, Chapel Hill, North Carolina 27599;

David M. MARGOLIS residing at University of North Carolina at Chapel Hill, Department of Medicine, 2060 Genetic Medicine Building, CB#7042, 120 Mason Farm Road, Chapel Hill, North Carolina 27599

(hereinafter collectively ASSIGNORS), with Barton F. HAYNES, Guido FERRARI, Scott KOENIG, Leslie S. JOHNSON, Chia-Ying Kao LAM, Liqin LIU and Jeffrey Lee NORDSTROM have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"BISPECIFIC MOLECULES COMPRISING AN HIV-1 ENVELOPE TARGETING ARM"

	on	March 24, 2017	designating the United States;		
(b)	x which	n was filed as Interna	ational Patent Application No.	15/514,420	~~~
(a)	which	n is being filed herev	vith in the United States Patent and	d Trademark Office;	

AND WHEREAS, The University of North Carolina at Chapel Hill (hereinafter ASSIGNEE), a corporation organized and existing under the laws of the State of North Carolina, and having its principal place of business at 100 Europa Drive, Suite 430, Chapel Hill, North Carolina 27517, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom with co-applicants Duke University having its principal place of business at 2812 Erwin Road, Suite 306, Durham, North Carolina 27705 and MacroGenics, Inc. having its principal place of business at 9704 Medical Center Drive, Rockville, Maryland 20850;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, including the right to sue for past infringement and obtain past damages, and in and to said application, including any and all non-provisionals, continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire right, title, and interest herein assigned, and that they have not and will not execute any agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNORS also do hereby grant the following individuals 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:

DUKE UNIVERSITY

All practitioners at Customer Number 134544.

This ASSIGNMENT is effective as of September 29, 2015 .

	igned is authorized to act on behalf of ASSIGNEE,	, The Univer	sity of North
Caronna at	Chapel Hill		¥ 1
Signature:	Chaper Fill Jacquiloni Duay	Date:	6/20/2017
Name:	Jacqueline Quay	·	
Title:	Director of Licensina		

ASSIGNEE hereby acknowledges and accepts the foregoing assignment.

Date 6/20/17 Julia ASSIMI J

Witness:

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6/20/17

David M. Margolis

Witness:

6/20/17

Date

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RECORDED: 06/21/2017