504874585 04/18/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4921325

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAL KAFRI	04/17/2018

RECEIVING PARTY DATA

Name:	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	
Street Address:	109 CHURCH STREET	
City:	CHAPEL HILL	
State/Country:	NORTH CAROLINA	
Postal Code:	27516	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15768438

CORRESPONDENCE DATA

Fax Number: (919)854-1401

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.

Phone: 919-854-1400

Email: MSPINELLI@MYERSBIGEL.COM

Correspondent Name: MYERS BIGEL, P.A.

Address Line 1: 4140 PARKLAKE AVENUE

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27612

ATTORNEY DOCKET NUMBER:	5470-742
NAME OF SUBMITTER:	MADDIE SPINELLI
SIGNATURE:	/MNS/
DATE SIGNED:	04/18/2018

Total Attachments: 2

source=5470-742_Assignment#page1.tif source=5470-742_Assignment#page2.tif

PATENT 504874585 REEL: 045575 FRAME: 0792

Attorney Docket No.: 5470-742

ASSIGNMENT

THIS ASSIGNMENT, made by me, **Tal Kafri**, a citizen of the United States of America, having an address at 208 Blueridge Road, Carrboro, North Carolina 27510;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in **METHODS AND COMPOSITIONS FOR INTEGRATION-DEFECTIVE LENTIVIRAL VECTORS**, for which U.S. Provisional Patent Application No. 62/241,986 was filed October 15, 2015; International Patent Application No. PCT/US2016/057041 was filed October 14, 2016; and U.S. Patent Application No. 15/768,438 was filed April 13, 2018 in the United States Patent and Trademark Office; and

WHEREAS, The University of North Carolina at Chapel Hill, a constituent institution of The University of North Carolina and an educational institution chartered under the laws of the State of North Carolina, having a principal place of business at 109 Church Street, Chapel Hill, North Carolina 27516, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said applications in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

Attorney Docket No.: 5470-742

I further covenant and agree that, at the time of the execution and delivery of these presents, and to the extent not already assigned to the assignee, I have the unencumbered right and authority to make this assignment.

I further covenant and agree to promptly communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this / 7 day of

APAL, 20/8.

Tal Kafri (SEAL)

STATE OF NORTH CAPOLINA)

SS

COUNTY OF OPANSE

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 17 day of 108.

ANGUIT 11 2018