507043670 12/23/2021 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
HEATHER C. LOSEY			02/18/2020	
JARED LOPES			02/18/2020	
RAYMOND J. WINQUIS	Т		02/18/2020	
RECEIVING PARTY DA	TA			
Name:	ALKERI	MES PHARMA IRELAND LIMITED		
Street Address:	ONE BURLINGTON ROAD			
Internal Address:	CONNAUGHT HOUSE			
City:	DUBLIN			
State/Country:	IRELAND			
Postal Code:	4			
Droporty Type		Number		
Property Type Application Number:		Number 17072725		
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PATENT REEL: 058468 FRAME: 0409

ASSIGNMENT

WHEREAS, we, Heather C. Losey, Jared Lopes and Raymond J. Winquist (hereinafter "ASSIGNORS"), have invented a certain improvement in IMMUNOMODULATORY IL-2 AGENTS IN COMBINATION WITH IMMUNE CHECKPOINT INHIBITORS described in a Provisional Patent Application, the specification of which:

[] is about to be filed in the United States Patent Office;

[X] was filed on October 18, 2019 as Provisional Application No. 62/916,936.

WHEREAS, Alkermes Pharma Ireland Limited (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Ireland, and having a usual place of business at One Burlington Road, Connaught House, Dublin 4, Ireland desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and all divisionals, renewals, and continuations thereof, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon and all reissues and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; ASSIGNORS hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property including, without limitation, all applications for patents, utility models and designs which may be filed for said invention in any countries foreign to the United States together with the right to file such applications and the right to claim for the same the priority rights claimed in or derived from said application or any priority application thereof under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventor's certificates, and designs which may be granted for said invention in any country foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement. ASSIGNORS hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, ASSIGNORS hereby covenant and agree that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith;

AND, ASSIGNORS hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, ASSIGNORS, together with the ASSIGNEE do hereby authorize and request the Commissioner of Patents 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, assigns, and legal representatives.

IN TESTIMONY WHEREOF, the ASSIGNORS, have duly executed this Assignment.

Inventor: Heather C. Losev State/Commonwealth Massachuse of 2020 County of day of tebruary , 2019, before me, the undersigned notary public, On this personally appeared Heather C. Losey proved to me through satisfactory evidence of identification, which were <u>MA drivers license</u> to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed. CeNotaby Public CINDY A. SRAGG Notary Public COMMONWEALTH OF MASSACHUSETTS (SEAL) (brint name) My Commission Expires April 6, 2023 My Commission expires / Inventor: Járed Lopes State/Commonwealth Massachuse 2020 1010/1PSP County of ebruary 2019, before me, the undersigned notary public, On this day of t personally appeared Jared Lopes proved to me through satisfactory evidence of identification, which were VVIA drivers license, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed. Aptary Public (SEAL) (print name CINDY A. SRAGG Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission expires Commission Expires April 6, 2023

Assignment Serial No. 62/916,936 Heather C. Losey Title: Immunomodulatory IL-2 Agents in Combination with Immune Checkpoint Inhibitors Docket No. 4165.3082 US

Inventor

State/Commonwealth	
of Massechusetts	
County of Middlesex	- 2020
On this 18th day of Febru	2019, before me, the undersigned notary public,
personally appeared Raymond J. Wing	uist proved to me through satisfactory evidence of identification,
which were MIA drivers lie	LNSL, to be the person whose name is signed on the
preceding or attached document, and ac	cknowledged that he/she executed the foregoing instrument as
his/her free act and deed.	(a happ-
	Lucy Netary Public CINDY A. SRAGG
(SEAL)	Notary Public
(OEAL)	(print name) (for massachusetts

IN TESTIMONY WHEREOF, I, on behalf of and duly authorized by the ASSIGNEE, have executed this Assignment.

My Commission expires _ /

ALKERMES PHARMA IRELAND LIMITED

By: Name: <u>RICTUE</u> PAUL

Title: DIRECTOR

(Please return all pages)

PATENT **REEL: 058468 FRAME: 0412**

My Commission Expires April 6, 2023

RECORDED: 12/23/2021