504956517 06/12/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FABIENNE VERNEJOUL	05/17/2016
GERARD TIRABY	05/17/2016
THIERRY LIOUX	05/17/2016

RECEIVING PARTY DATA

Name:	INVIVOGEN		
Street Address:	ZI DE MONTAUDRAN 5, RUE JEAN RODIER		
City:	TOULOUSE		
State/Country:	FRANCE		
Postal Code: 31400			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16006465

CORRESPONDENCE DATA

Fax Number: (703)685-0573

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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YOUNG & THOMPSON **Correspondent Name:** Address Line 1: 209 MADISON STREET

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 0600-1533-1 NAME OF SUBMITTER: **ERIC JENSEN SIGNATURE:** /Eric Jensen/ **DATE SIGNED:** 06/12/2018

Total Attachments: 1

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PATENT REEL: 046060 FRAME: 0863 504956517

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, INVIVOGEN, hereinafter referred to as "assignee(s)", whose address is ZI de Montaudran 5, rue Jean Rodier 31400 TOULOUSE France, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named i	nvent	or, I hereby declare that:
This assignment and declaration is		The attached application, or
directed to:		United States Application or PCT International Application Number <u>15/034,335</u> filed on <u>May 4</u> <u>2016</u> (Confirmation No. <u>5823</u>).

The application is entitled: Cyclic dinucleotides for cytokine induction

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Fabienne	Family Name/Surname(s) VERNEJOUL
Inventor's Signature:		Date 17-105 126
Given Name(s) / Inventor's		Family Name/Sumame(s) TIRABY
Signature:		Date 1/105-16
Given Name(s) Inventor's	Thierry	Family Name/Surname(s) LIQUX
Signature:		Date 17/05/16.
Given Name(s) Inventor's	Compa	Family Name/Surname(s)
Signature:		Date PATENT

RECORDED: 06/12/2018 REEL: 046060 FRAME: 0864