PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5059836

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER O'BRIEN	10/18/2015
JAMES ZANGRILLI	10/19/2015
TUSHAR SHAH	10/19/2015

RECEIVING PARTY DATA

Name:	CEPHALON, INC.	
Street Address:	41 MOORES ROAD	
Internal Address:	P.O. BOX 4011	
City:	FRAZER	
State/Country:	PENNSYLVANIA	
Postal Code:	19355	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15783289

CORRESPONDENCE DATA

Fax Number:

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.

Email: mryan@bakerlaw.com
Correspondent Name: MAURA Q RYAN
Address Line 1: 2929 ARCH STREET

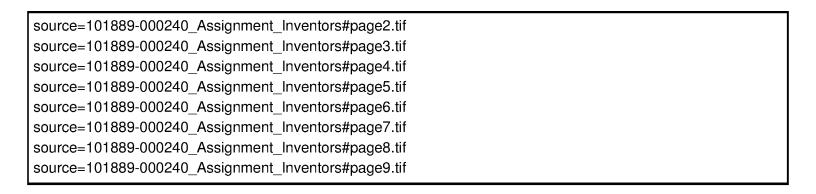
Address Line 2: CIRA CENTRE, 12TH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER:	101889.000240
NAME OF SUBMITTER:	MAURA Q RYAN
SIGNATURE:	/Maura Q Ryan/
DATE SIGNED:	07/20/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 9

source=101889-000240_Assignment_Inventors#page1.tif



ASSIGNMENT

WHEREAS, we/I,

Name: Christopher O'Brien

Address: 110 Chinaberry Drive, Lafayette Hill, Pennsylvania 19444,

US

Citizenship: US

has made new and useful inventions and discoveries in USE OF RESLIZUMAB TO TREAT MODERATE TO SEVERE EOSINOPHILIC ASTHMA, for which patent applications were filed as:

Application No.	Filed
U.S. Prov. Application No. 62/047,248	September 8, 2014
U.S. Prov. Application No. 62/168,007	May 29, 2015
U.S. Prov. Application No. 62/191,690	July 13, 2015
U.S. Prov. Application No. 62/091,150	December 12, 2014
U.S. Patent Application No. 14/838,503	August 28, 2015
International Patent Application No. PCT/US2015/047357	August 28, 2015

WHEREAS, CEPHALON, INC., having a place of business at 41 Moores Road, P.O. Box 4011, Frazer, Pennsylvania 19355, US, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring all title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for good and valuable consideration furnished by Assignee to us/me, receipt and sufficiency of which we/I hereby acknowledge, and intending to be legally bound, we/I hereby, without reservation:

1. Assign, transfer, and convey to Assignee any right, title, and interest, including any right to claim priority, to the extent owned by us/me by operation of law and/or any agreement, including any employment agreement between Assignee and us/me, in and to said inventions and discoveries, said provisional patent applications for Letters Patent(s) of the United States of America, any and all other applications for Letters Patent(s) on said inventions and discoveries in any and all countries, including all divisional, renewal,

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substitute, continuation, international, U.S. non-provisional, and Convention applications

based in whole or in part upon said inventions and discoveries, or upon said patent

applications, and any and all Letters Patent(s), reissues, and extensions of Letters Patent(s)

granted for said invention and discoveries or upon said patent applications, and every right to

claim priority for every patent application filed either in or outside the United States of

America that is or may be predicated upon or arise from said inventions and said discoveries,

said patent applications, and said Letters Patent(s).

2. Authorize Assignee to file patent applications, including international patent

applications, in any or all countries for said inventions and discoveries in our/my name or in

the name of Assignee or otherwise as Assignee may deem advisable, under any International

Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United

States of America and the empowered officials of all other governments to issue or transfer

all said Letters Patent(s) to Assignee, as Assignee of the entire right, title, and interest therein

or otherwise as Assignee may direct.

4. Warrant that we/I have not conveyed to others any right, title, or interest, including

any right to claim priority, in said inventions and discoveries, said patent applications, or

patent(s) or any license to use the same or to make, use, or sell anything embodying or

utilizing any of said inventions and discoveries, or granted to others any right, title, or

interest, including any right to claim priority, inconsistent herewith; and that we are or I am

aware of no claim to the contrary.

5. Confirm, acknowledge and agree with any and all rights, title and interests,

including any right to claim priority, in and to said inventions and discoveries, said patent

applications, or patent(s), owned by the Assignee arising by operation of law or any

agreement, including any employment agreement.

6. Confirm that the Assignee was an employer of us/me when said inventions and

discoveries were made, or is an employer of us/me.

-2-

7. Bind our/my heirs, legal representatives, and assigns, as well as ourselves or myself to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us/me or our/my heirs, legal representatives, and assigns, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent(s) shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us/me, our/my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us/me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our/my control or in the control of our/my heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREON	P.]	I have	hereunto	set our	hands	and	seals	on	the	dates
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indicated:

Signature:

Date:

Name of Person Signing:

CHRISTOPHER O'BRIEN

ASSIGNMENT

WHEREAS, we/I,

Name: James Zangrilli

Address: 1606 Chestnut Street, Unit 2, Philadelphia, Pennsylvania

19103, US Citizenship: US

has made new and useful inventions and discoveries in USE OF RESLIZUMAB TO TREAT MODERATE TO SEVERE EOSINOPHILIC ASTHMA, for which patent applications were filed as:

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based in whole or in part upon said inventions and discoveries, or upon said patent

applications, and any and all Letters Patent(s), reissues, and extensions of Letters Patent(s)

granted for said invention and discoveries or upon said patent applications, and every right to

claim priority for every patent application filed either in or outside the United States of

America that is or may be predicated upon or arise from said inventions and said discoveries,

said patent applications, and said Letters Patent(s).

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applications, in any or all countries for said inventions and discoveries in our/my name or in

the name of Assignee or otherwise as Assignee may deem advisable, under any International

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States of America and the empowered officials of all other governments to issue or transfer

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or otherwise as Assignee may direct.

4. Warrant that we/I have not conveyed to others any right, title, or interest, including

any right to claim priority, in said inventions and discoveries, said patent applications, or

patent(s) or any license to use the same or to make, use, or sell anything embodying or

utilizing any of said inventions and discoveries, or granted to others any right, title, or

interest, including any right to claim priority, inconsistent herewith; and that we are or I am

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7. Bind our/my heirs, legal representatives, and assigns, as well as ourselves or myself to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us/me or our/my heirs, legal representatives, and assigns, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent(s) shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us/me, our/my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us/me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our/my control or in the control of our/my heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set our hands and seals on the dates

indicated:	
Signature:	
Date:	10/19/15
Name of Person Signing:	JAMES ZANGRILLI

ASSIGNMENT

WHEREAS, we/L

Name: Tushar Shah

Address: 124 Hillcrest Road, Flemington, New Jersey 08022, US

Citizenship: US

has made new and useful inventions and discoveries in USE OF RESLIZUMAB TO TREAT MODERATE TO SEVERE EOSINOPHILIC ASTHMA, for which patent applications were filed as:

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consideration to us/me or our/my heirs, legal representatives, and assigns, all acts reasonably

-2.

serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent(s) shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us/me, our/my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us/me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our/my control or in the control of our/my heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation,

IN TESTIMONY WHEREOF, I have hereunto set our hands and seals on the dates indicated:

Signature:	Sion Shel
Date:	Oct 19, 2015
Name of Person Signing:	TUSHAR SHAH

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RECORDED: 07/20/2018