

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5227190

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GREGORY F.W. GOCAL	07/12/2011
CHRISTIAN SCHOPKE	07/05/2011
PETER R. BEETHAM	07/18/2011
AURA ESTELA GONZALEZ SCHOPKE	07/11/2011
SARAH DUMM	07/11/2011
JAMES PEARCE	07/05/2011
KEITH A. WALKER	07/05/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CIBUS US LLC
<b>Street Address:</b>	6455 NANCY RIDGE DRIVE
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>Name:</b>	CIBUS EUROPE B.V.
<b>Street Address:</b>	GOESSESTRAATWEG 19
<b>City:</b>	AD KAPELLE
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	4421
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16042985
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)350-9691
<i>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.</i>	
<b>Phone:</b>	6192033186
<b>Email:</b>	kristen@acuitylg.com
<b>Correspondent Name:</b>	MICHAEL A. WHITTAKER
<b>Address Line 1:</b>	12707 HIGH BLUFF DRIVE, SUITE 200
<b>PATENT</b>	

<b>Address Line 2:</b>	ACUITY LAW GROUP, P.C.
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130

<b>ATTORNEY DOCKET NUMBER:</b>	CIBUS-023-CT2
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<b>NAME OF SUBMITTER:</b>	KRISTEN LEMME
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<b>SIGNATURE:</b>	/Kristen Lemme/
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<b>DATE SIGNED:</b>	11/07/2018
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**Total Attachments: 6**

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**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

**Cibus US LLC  
6455 Nancy Ridge Drive, Suite 100  
San Diego, CA 92121**

**Cibus Europe B.V.  
Choorhoekseweg 8  
4424NW Wemeldinge  
Netherlands**

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**Mutated Protoporphyrinogen IX Oxidase (PPX) Genes**

as set forth in this United States Patent Application

<b>U.S. Patent Application No.</b>	<b>Filing Date</b>	<b>Title</b>
61/370,436	August 3, 2010	Mutated Protoporphyrinogen IX Oxidase (PPX) Genes

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 12<sup>th</sup> day of July, 2011.

Alex Local

GREGORY F.W. GOCAL

State of California

County of San Diego

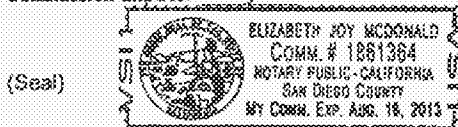
On this 12<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared GREGORY F.W. GOCAL, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug 16, 2013



Executed this 18<sup>th</sup> day of July, 2011.

Peter R. Beetham

PETER R. BEETHAM

State of California

County of San Diego

On this 18<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared PETER R. BEETHAM, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug 16, 2013



Executed this 11<sup>th</sup> day of July, 2011.

  
AURA DE SCHÖPKE

State of California )

County of San Diego )

On this 11<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared AURA DESCHÖPKE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he she executed the same in his her authorized capacity, and that by his her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug 16, 2013



Executed this 11<sup>th</sup> day of July, 2011.

  
SARAH DUMM

State of California )

County of San Diego )

On this 11<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared SARAH DUMM, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he she executed the same in his her authorized capacity, and that by his her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug. 16, 2013



Executed this 5<sup>th</sup> day of July, 2011.

  
\_\_\_\_\_  
JAMES PEARCE

State of California )

County of San Diego )

On this 5<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared JAMES PEARCE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~ she executed the same in ~~his~~ her authorized capacity, and that by ~~his~~ her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

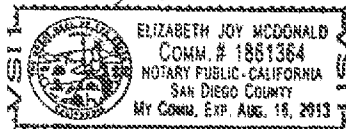
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug 16, 2013

(Seal)



Executed this 5<sup>th</sup> day of July, 2011.

  
\_\_\_\_\_  
CHRISTIAN SCHOPKE

State of California )

County of San Diego )

On this 5<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared CHRISTIAN SCHOPKE, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~ she executed the same in ~~his~~ her authorized capacity, and that by ~~his~~ her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

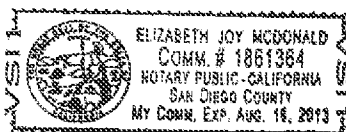
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug 16, 2013

(Seal)



Executed this 5<sup>th</sup> day of July, 2011.

  
\_\_\_\_\_  
KEITH A. WALKER

State of California )  
County of San Diego )

On this 5<sup>th</sup> day of July, 2011, before me, Elizabeth Joy McDonald (a notary public in and for said county), personally appeared KEITH A WALKER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Elizabeth Joy McDonald

My Commission Expires: Aug 16, 2013

(Seal)

