504736724 01/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4783450

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GOVINDAN SUBRAMANIAN	01/08/2018
MICHAEL P. CURTIS	01/09/2018
JINXIA (NANCY) DENG	01/09/2018
RICHARD ANDREW EWIN	01/09/2018
CHRISTOPHER SCOTT KNAUER	01/17/2018
GRAHAM M. KYNE	01/09/2018
TOMASZ RESPONDEK	01/09/2018
SUSAN MARY KULT SHEEHAN	01/09/2018
JOHN ADAM WENDT	01/09/2018

RECEIVING PARTY DATA

Name:	ZOETIS SERVICES LLC
Street Address:	10 SYLVAN WAY
City:	PARSIPPANY
State/Country:	NEW JERSEY
Postal Code:	07054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15735686

CORRESPONDENCE DATA

Fax Number: (862)210-6437

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.

using a lax number, if provided, if that is unsuccessful, it will be sent via 05 ma

Phone: 2693599375

Email: animalhealthdocketing@zoetis.com

Correspondent Name: PAUL M. MISIAK

Address Line 1: ZOETIS SERVICES LLC

Address Line 2: 10 SYLVAN WAY

Address Line 4: PARSIPPANY, NEW JERSEY 07940

ATTORNEY DOCKET NUMBER:	ZP000088A
NAME OF SUBMITTER:	PAUL M. MISIAK

504736724 PATENT REEL: 044663 FRAME: 0313

SIGNATURE:	/PAUL M. MISIAK/	
DATE SIGNED:	01/19/2018	
Total Attachments: 6		
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PATENT REEL: 044663 FRAME: 0314

Docket No: ZP000088A

US Application No.: 15/735,686

International Application No.: PCT/US2016/036793

Joint Assignment

ASSIGNMENT

For valuable consideration, the receipt and adequacy of which is hereby acknowledged, we, Govindan SUBRAMANIAN, a citizen of the United States, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007, USA; Michael P. CURTIS, a citizen of the United States, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007, USA; Jinxia (Nancy) DENG, a citizen of the United States, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007; Richard Andrew EWIN, a citizen of Great Britain, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007; Christopher Scott KNAUER, a citizen of the United States, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007; Graham M. KYNE, a citizen of Great Britain, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007; Tomasz RESPONDEK, dual citizenship of Poland and France, with a corporate work address of 333 Portage Street, Kalamazoo, Ml, 49007; Susan Mary Kult Sheehan, a citizen of the United States, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007, and John Adam WENDT, a citizen of the United States, with a corporate work address of 333 Portage Street, Kalamazoo, MI, 49007 respectively, hereby sell, assign and transfer unto Zoetis Services LLC, a corporation organized and existing under the laws of the State of Delaware, United States of America, and having its principal place of business at 10 Sylvan Way, Parsippany, New Jersey 07054, United States of America, our entire right, title and interest in and to United States Patent Application Serial No. 15/735,686 filed December 12, 2017, having Zoetis Services LLC Docket No. ZP000088A, and entitled CARBOLINE ANTIPARASITICS: our entire right, title and interest, in all countries of the world, in and to all our inventions, whether joint or sole, disclosed in said patent application; our entire right, title and interest in and to all patent applications filed for Letters Patent for any or all of said inventions; our entire right, title and interest in and to all Letters Patent granted on said patent applications; and the right to claim priority from said patent application under the Paris Convention for the Protection of Industrial Property, and under any and all other such treaties and agreements to which the United States of America is a party and which afford similar priority-claiming privileges, in all countries of the world;

ASSIGNMENT ZOFTAS SEENCES LLC-JOINT

REEL: 044663 FRAME: 0315

and we hereby agree, whenever requested, to communicate to said Zoetis Services LLC and its successors and assigns, any facts known to us respecting said inventions, to testify in any legal proceeding respecting said inventions, and to execute all applications or papers necessary to obtain and maintain proper patent protection on said inventions in all countries of the world.

Signed this	08lt Portage Staeet, Kø	_ day of	JANUARY	, 2018 at
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State of	MCLUGAN)			
County of _	<u>MCEUBAN</u>))ss <u>KALAMHZOD</u>)			
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Notary Publ My commis	ision expires: <u>Tuno (0</u>	2022		
·	* many district in the same of			
[seal]	WONGEL TEFERA NOTARY PUBLIC, STATE OF MI COUNTY OF KALAMAZOO MY COMMISSION EXPIRES JUN 10, 2022 ACTING IN COUNTY OF			

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Signed this		of <u>January</u>		
<u>333 PURTAGE S</u>	Z, <u> </u>	-200,191 <u>-</u>	<u>49007</u>	
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State of) SS			
Sworn to before me and subsc	ribed in my presence	the <u>AK</u> day of_	<u>Zas</u> , 2011	3
Notary Public My commission expires: 30				
Wongel Ter (seal) Notary Public, St County of Kall My Commission Expres Acting in County of	₩ <i>X20</i> 0			
Signed this	day (of <u>Jan</u>	, 2018 at	
<u>333 PORTAGÉS:</u>	T, KALAMA	zoo, Mi	19007	
	Jinx	B (Nancy) DENG	April 1	<u> </u>
State of Park Landar	}		V	
State of NICHIGAAL County of KALAMAZOT				
Sworn to before me and subsc	ribed in my presence	the <u>AK</u> day of_	<u>Ja.</u> , 2018	3
Notary Public My commission expires: 5		· Z		
WONGEL (seal) NOTARY PUBLIC COMMITTY OF E ACTING IN COUNTY OF), STATE OF MI (ALAMAZOO PIRES Jun 10, 2022			

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Signed this	41H	day of	JANUARY, 20	18 at
333 PORTA	-GE 57, KA	LAMAZI	10, MI 490	Q
			Lilod Grand Andrew EWIN	
		202002202	19 2 THE SEE OF 15 W T T T W. 4	
State of MLCEC	<i>LO-A-A/)</i>) ss			
County of KALA	<u> </u>			
Sworn to before me	and subscribed in my	presence the	: <u>9¹⁴ day of 5a</u>	, 2018
Notary Public	Tefar			
My commission exp	pires: June 10	<u>, 20 2.2.</u>		
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Signed this	17 405 C- VA	day of	Junuary 20 -00, MI, 490	18 at
		<u> </u>	her Scott KNAUER	**************************************
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County of KALA	lm <u>A-Z</u> 20)			
Swom to before me	and subscribed in my	presence the	: <u>17</u> day of <u>Ta</u>	, 2018
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WA COM	WONGEL TEFERA ARY PUBLIC, STATE OF MI DIRITY OF KALAMAZOO MISSION EXPRES JUN 10, 2022 CREWITY OF			Tight Tight Tight and E

Signed this			JM UM-	
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		Grahar	n M. KÝNE	
State of	<u>CH+ C-A-N</u>)) ss			
	12AMAZOO)			
Swom to before	me and subscribed in m	y presence the	: <u> </u>	<u>Ta.</u> , 2018
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M. faceri	WONGEL TEFERA NOTARY PUBLIC, STATE OF M COUNTY OF KALAMAZOO COMMISSION EXPIRES Jun 10, 2022 G IN COUNTY OF			
Signed this	9th TAGE ST, KA	day of	Janu ory	, 2018 at
<u>333 Por</u>	TAGE ST, KI	<u>LAMAZO</u>	D, MI	<u>49007</u>
		Tomasz	RESPONDEK	
State of MI	<u>C+U.C=A+A/)</u>) ss			
	14MAZOO)			
Swom to before	me and subscribed in m	y presence the	: <u>7</u> 14 day of _	<u>Jan</u> 2018
Wongel		***************************************		
Notary Public	rexpires: <u>Time (</u>	a 3a3)		
iatà communazion	e caperca,	<u>Vymbo Oberb</u>		
[seal]	WONGEL TEFERA NOTARY PUBLIC, STATE OF ME COUNTY OF KALAMAZOO Y COMMISSION EXPRESS JUN 18, 2022 DICENSOON TO ATT			

Signed this	day of <u>January</u> , 2018 at
<u> 333 PORTAGE ST</u>	KALAMAZOO, MI 49007
	Susan Mary Kuli SHEEHAN
State of MICHIGAN)	
County of KALAWA ZoD)	S
Swom to before me and subscribed	in my presence the 4th day of 52, 2018
Norman While	
Notary Public	
My commission expires:	<u> 2 (0, 0,022</u>
WONGEL TEFERA NOTARY PUBLIC, STATE OF M COUNTY OF KALAMAZOO (SCAI) MY COMMISSION EXPRES Jun 10, ACTING IN COUNTY OF	
Signed this <u>GHL</u>	day of <u>Januery</u> , 2018 at
333 PORTAGE ST,	KALAMAZOO ANT 49007
	John Adam WENDT
State of <u>MICH (G-AN</u>) so	
County of KALAMAZDO)	•
Sworn to before me and subscribed	in my presence the 4th day of 5a, 2018
Notary Public	4 8
Notary Public	5 m
My commission expires:	410, 2022
WONGEL TEFERA [seal] NOTARY PUBLIC, STATE O COUNTY OF KALAMAZO MY COMMISSION EXPIRES Jun ACTING IN COUNTY OF	

ASSIGNMENT ZOETIS SERVICES ILC-JOINT PATENT

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