PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INGRID MERGELSBERG	09/10/2007
DOMINIK HERMANN SCHERER	08/03/2007
MONIKA ERIKA HUTTENLOCH	07/25/2007
HON-CHUNG TSUI	08/28/2007
SUNIL PALIWAL	08/24/2007
NENG-YANG SHIH	08/24/2007

RECEIVING PARTY DATA

Name:	SCHERING CORPORATION
Street Address:	2000 GALLOPING HILL ROAD
City:	KENILWORTH
State/Country:	NEW JERSEY
Postal Code:	07033

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14039367

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: patentdocket@choate.com

Correspondent Name: MICHAEL SHINALL

Address Line 1: TWO INTERNATIONAL PL

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	2009530-0311
NAME OF SUBMITTER:	MICHAEL A. SHINALL
SIGNATURE:	/Michael A. Shinall/
DATE SIGNED:	08/18/2015

Total Attachments: 12

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ASSIGNMENT

For (good and valuable consideration paid to us		
(1) (2) (3) (4) (5)	Ingrid Mergelsberg Dominik Hermann Scherer Monika Erika Huttenloch Hon-Chung Tsui Sunil Paliwal	(6)	Neng-Yang Shih
` ,			
resp	ectively residing at		
(1)	Mahwah, New Jersey	(6)	Warren, New Jersey
(2)	Horw, Switzerland		
(3)	Kriens, Switzerland		
(1) (2) (3) (4)	East Brunswick, New Jersey		
(5)	Monroe Township, New Jersey		

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to any and all of our inventions and discoveries described in the patent application entitled

PROCESS AND INTERMEDIATES FOR THE SYNTHESIS OF 8-[{1-(3,5-BIS-(TRIFLUOROMETHYL)PHENYL)-ETHOXY}-METHYL]-8-PHENYL-1,7-DIAZA-SPIRO[4.5]DECAN-2-ONE COMPOUNDS

and officially identified * by the United States Patent and Trademark Office as Application Number 60/91966 filed on March 22, 2007, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 19th day of Synthyse , 2 144 A College L.S. Ingrid Mergelsberg	o <u>07</u> .
Ingrid Mergelsberg	
ACKNOWLEDGEMENT	
State of New Jersey	
State of New Jersey County of Union s.s.:	
On this Office day of September Ingrid Mergelsberg to me known, and known by r	, 20 <u>0</u> , personally appeared before me me to be the same person described in and who edged that he (she) executed the same, of his (her)
(Seal)	Aual S. From Notary Public
	NICOLE D. BROWN NOTARY PUBLIC OF NEW JERSEY Commission Expires 7/1/2010
Executed this day of , 20	0
Dominik Hermann Scherer	
ACKNOWLEDGEMENT	
State of) s.s.:	
County of)	
Dominik Hermann Scherer to me known, and known	, 20, personally appeared before me own by me to be the same person described in and nowledged that he (she) executed the same, of his
(Seal)	
	Notary Public

executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her)

Notary Public

PATENT CASE: CD06628L01US

Assignment (Provisional - Joint) Page 3

own free will for the purpose set forth.

(Seal)

Executed this	day of	, 20	.		
		l S			
Sunil Paliwal		L.O.			
ACKNOWLEDGE	MENT				
State of					
State of County of) s.s	5			
On this Paliwal to me know foregoing instrumed the purpose set for	n, and known by nt, and acknowled	, 20 me to be the same dged that he (she)	e person describe	ed in and who exc	ecuted the
(Seal)					
			Notary	/ Public	
Executed this	-				
Neng-Yang Shih		L.S.			
ACKNOWLEDGEN	JENT				
State of)) s.s	. .			
County of) 5.8	·			
On this <u>Shih</u> to me known, foregoing instrumen the purpose set for	and known by me nt, and acknowled		erson described i	n and who execu	uted the
(Seal)					

Notary Public

Assignment (Provisional - Joint) Page 4

(5)

For good and valuable consideration paid to us

East Brunswick, New Jersey

Monroe Township, New Jersey

PATENT CASE: CD06628L01US

ASSIGNMENT

	,			
(1)	Ingrid Mergelsberg	(6)	Neng-Yang Shih	

(1)	Ingrid Mergelsberg	(6)	Neng-Yang Shih	
(1) (2)	Dominik Hermann Scherer	. ,		
(3) (4)	Monika Erika Huttenloch			
(4)	Hon-Chung Tsui			
(5)	Sunil Paliwal			
respe	ectively residing at			
(1)	Mahwah, New Jersey	(6)	Warren, New Jersey	
(2) (3)	Horw, Switzerland	. ,		
(3)	Kriens, Switzerland			

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in

PROCESS AND INTERMEDIATES FOR THE SYNTHESIS OF 8-[{1-(3,5-BIS-(TRIFLUOROMETHYL)PHENYL)-ETHOXY}-METHYL]-8-PHENYL-1,7-DIAZA-SPIRO[4.5]DECAN-2-ONE COMPOUNDS

and to any and all of our inventions and discoveries described in the patent application entitled

and officially identified * by the United States Patent and Trademark Office as Application Number 60/919666 filed on March 22, 2007, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

*We hereby authorize ASSIGNEE to insert in this instrument the Application Number and the

filing date of said application for Letters Patent when officially notified thereof.

Executed this _____, 20__ Ingrid Mergelsberg ACKNOWLEDGEMENT State of __ County of On this _____ day of _____, 20____, personally appeared before me Ingrid Mergelsberg to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. (Seal) Notary Public Executed this OI day of Lucur * geb. 27.03.1966, von Horw, Neumattweg 6, 6048 Horw **ACKNOWLEDGEMENT** County of Ulest On this <u>O3</u> day of <u>Auguo</u>, 20 O2, personally appeared before me <u>Dominik Hermann Scherer</u> to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth. (Seal) 900 Notary Public Notar Kantons Luzern

e Staats- 6010 Kriens
vho)
) .
^-

Executed this day of , 20
Sunil Paliwal
ACKNOWLEDGEMENT
State of)
County of) s.s.:
On this day of, 20, personally appeared before me <u>Sunil Paliwal</u> to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal)
Notary Public
Executed this day of, 20
L.S. Neng-Yang Shih
ACKNOWLEDGEMENT
State of)
) s.s.: County of)
On this day of, 20, personally appeared before me Neng-Yang Shih to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal)

Assignment (Provisional - Joint) Page 4

PATENT REEL: 036348 FRAME: 0167

Notary Public

ASSIGNMENT

For good and valuable consideration paid to us

(1)	Ingrid Mergelsberg	(6)	Neng-Yang Shih
(2)	Dominik Hermann Scherer		
(3)	Monika Erika Huttenloch		
(4)	Hon-Chung Tsui		
(5)	Sunil Paliwal		
respect	ectively residing at Mahwah, New Jersey	(6)	Warren, New Jersey
(2)	Horw, Switzerland	` '	
(3)	Kriens, Switzerland		
(4)	East Brunswick, New Jersey		
(5)	Monroe Township, New Jersey		

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to any and all of our inventions and discoveries described in the patent application entitled

PROCESS AND INTERMEDIATES FOR THE SYNTHESIS OF 8-[{1-(3,5-BIS-(TRIFLUOROMETHYL)PHENYL)-ETHOXY}-METHYL]-8-PHENYL-1,7-DIAZA-SPIRO[4.5]DECAN-2-ONE COMPOUNDS

and officially identified * by the United States Patent and Trademark Office as Application Number 60/91966 filed on March 22, 2007, in and to the right to file patent applications in the name of ASSIGNEE, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

		NEE to insert in this instrument the Application Number and the s Patent when officially notified thereof.
Executed this	day of	. 20
Ingrid Mergelsbei	rg	L.S.
ACKNOWLEDGI	EMENT	
State of)	
County of) s.s.:)	
On this _ Ingrid Mergelsber executed the fore	day of rg to me known, and	, 20, personally appeared before me known by me to be the same person described in and who d acknowledged that he (she) executed the same, of his (her)
(Seal)		
		Notary Public
•		
Executed this	day of	, 20
		L.S.
Dominik Hermani	n Scherer	
ACKNOWLEDGE	EMENT	
State of)	
County of) s.s.:	
		00 personally appeared before ma
Dominik Hermani who executed the	<u>n Scherer</u> to me knov	, 20, personally appeared before me wn, and known by me to be the same person described in and it, and acknowledged that he (she) executed the same, of his forth.
(Seal)		
		Notary Public

Executed this day of	, 20
Maria Edition 1	L.S.
Monika Erika Huttenloch	
ACKNOWLEDGEMENT	
State of)	
County of) s.s.:	
<u>Monika Erika Huttenloch </u> to me known, and	, 20, personally appeared before me known by me to be the same person described in and who knowledged that he (she) executed the same, of his (her)
(Seal)	
	Notary Public
	recary i dono
Executed this 28 day of Ayrust Hon-Chung Tsui	, 20 <u>07</u> . L.S.
ACKNOWLEDGEME <u>N</u> T	
State of Kee Janey	
County of Aniro s.s.:	ρ
On this Lyth day of augus	, 20 <u>27</u> , personally appeared before me
executed the foregoing instrument, and ack	by me to be the same person described in and who nowledged that he (she) executed the same, of his (her)
own free will for the purpose set forth.	OIOOOO
(Seal)	The bulk Taran Longreyo
	Notary Public
	, ,

PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF SEW JERSEY
My Commission Expires December 29, 2011

Executed this $\underline{-24^{th}}$ day of \underline{A} \underline{A}

Sunil Paliwal L.S.
Suilli Fallwai
ACKNOWLEDGEMENT
State of Mu Jusey
County of Uhim s.s.:
On this 24th day of Arman & 2007 paragraphy appeared before me Sunil
On this 44th day of, 20, personally appeared before me <u>Sunil</u> <u>Paliwal</u> to me known, and known by the to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal) Juan Journal Public (Seal)
Motary Public
PIA ROCEL S. PARAS-SANJURJO
NOTARY PUBLIC OF NEW JERSEY My Commission Expires December 29, 2011
Executed this 24 th day of August 20 07
Executed this 24 day of August, 2007. Neng-Yapay Ship L.S.
Neng-Yang/Shib
ACKNOWLEDGEMENT On the second
State of New Yessey s.s.:
County of //www)
On this <u>24th</u> day of <u>August</u> , 20 <u>47</u> , personally appeared before me <u>Neng-Yang</u> <u>Shih</u> to me known, and known by me to be the same person described in and who executed the
foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.
(Seal)
In low & Jans Arjugo
Notary Public

PIA ROCEL S. PARAS-SANJURJO NOTARY PUBLIC OF NEW JERSEY My Commission Expires December 29, 2011

> PATENT REEL: 036348 FRAME: 0171

RECORDED: 08/18/2015