PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4565206

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS WADE BEIGHT	02/07/2000
TRELIA JOYCE CRAFT	02/07/2000
JEFFRY BERNARD FRANCISKOVICH	02/07/2000
THEODORE GOODSON JR.	02/08/2000
STEVEN EDWARD HALL	02/01/2000
DAVID KENT HERRON	02/08/2000
SAJAN PARIYADAN JOSEPH	02/07/2000
VALENTINE JOSEPH KLIMKOWSKI	02/08/2000
JEFFREY ALAN KYLE	02/08/2000
JOHN JOSEPH MASTERS	02/07/2000
DAVID MENDEL	02/07/2000
GUY MILOT	02/01/2000
MARTA MARIA PINEIRO-NUNEZ	02/07/2000
JASON SCOTT SAWYER	02/07/2000
ROBERT THEODORE SHUMAN	01/20/2000
GERALD FLOYD SMITH	02/07/2000
ANNE LOUISE TEBBE	01/25/2000
JENNIFER MARIE TINSLEY	02/10/2000
LEONARD CRAYTON WEIR	02/01/2000
JAMES HOWARD WIKEL	02/10/2000
MICHAEL ROBERT WILEY	02/07/2000
YING KWONG YEE	02/10/2000

RECEIVING PARTY DATA

Name:	ELI LILLY AND COMPANY
Street Address:	LILLY CORPORATE CENTER
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46285

PROPERTY NUMBERS Total: 5

PATENT REEL: 043390 FRAME: 0067

504518501

Property Type	Number
Patent Number:	6610704
Patent Number:	6716855
Patent Number:	6716839
Patent Number:	6710057
Patent Number:	6780878

CORRESPONDENCE DATA

Fax Number: (703)415-0013

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.

Phone: 7034150012

Email: rneifeld@neifeld.com

Correspondent Name: NEIFELD IP LAW, PC

Address Line 1: 5400 SHAWNEE ROAD

Address Line 2: SUITE 310

Address Line 4: ALEXANDRIA, VIRGINIA 22312

ATTORNEY DOCKET NUMBER:	ARGE0001
NAME OF SUBMITTER:	RICHARD NEIFELD
SIGNATURE:	/RichardNeifeld/
DATE SIGNED:	08/24/2017

Total Attachments: 16

source=OriginalAssignment_Executed#page1.tif

source=OriginalAssignment_Executed#page2.tif

source=OriginalAssignment Executed#page3.tif

source=OriginalAssignment Executed#page4.tif

source=OriginalAssignment Executed#page5.tif

source=OriginalAssignment_Executed#page6.tif

source=OriginalAssignment Executed#page7.tif

source=OriginalAssignment Executed#page8.tif

source=OriginalAssignment Executed#page9.tif

source=OriginalAssignment_Executed#page10.tif

source=OriginalAssignment_Executed#page11.tif

source=OriginalAssignment_Executed#page12.tif

 $source = Original Assignment_Executed \# page 13.t if$

source=OriginalAssignment_Executed#page14.tif

source=OriginalAssignment_Executed#page15.tif

source=OriginalAssignment Executed#page16.tif

PATENT REEL: 043390 FRAME: 0068

,		-		
To the Horoschi	07 - 27 - 2	2001 <u>P</u>	Docket No	JUN 2001
To the Honorable Commissioner of documents or copy thereof:		е	cord the attache	ed original
1. Name of conveying party(ie			ass of regarded	
a) Douglas Wade Beight b) Trelia Joyce Craft	101789		ess of receiving	ng party(ies)
c) Jeffry Bernard Francis	skovich Na	me: Eli Lilly	and Company	
Additional name(s) of conveying Attached? (X) Yes () No	party(ies) In	ternal Address	: Patent Divi	ision
Actached? (X) Yes () No	St	reet Address:	Lilly Corpora	ate Center
3. Nature of conveyance:	Ci	ty: Indianapol	is State: IN	I Zip: 46285
(37)	Ad	ditional name(s) & address(e	s) attached?
() Mer) Yes (X) N		
Execution Date: a) February 7,	2000			
b) February 7,	2000			
c) February 9, 4. Application number(s) or pat	ent Number(a)			
This document is being filed wit international filing date of 15	h a 35 U.S.C. 37 December 1999	71 application	of PCT/US99/2	9832,
A. Patent Application No.(s):	9/857747B. E	Patent No.(s):		
5. Name and address of name	Numbers attache	ed () Yes	(X) No	
5. Name and address of party to correspondence concerning doc	rich on	Total number	of application	og and
should be mailed:	uments	patents invol	.ved:	(1)
Linda Durbin	7.	Total fee (37	CFR 83 41)	640.00
Eli Lilly and Company		(\$40.00 per a	ssignment)	\$40.00
Lilly Corporate Center		() Enclosed	ı	
Indianapolis, IN 46285			ed to be charg	red to
3 (000) 000103DC 000000E 0500/A 000E37/7	[deposit	account (along	with any
3/2001 SNAJARRO 00000095 050840 09857747	j	addition	al fees or the	credit of
C:581 40.00 CH	8.	any over Deposit accou	payment) nt number: 05	-0840
	DO NOT USE THIS	SPACE	ne number. 05	-0840
9. Statement and signature.				
To the best of my knowledge a	nd boliof the	forcesing info		
correct and any attached copy	is a true copy	loregoing into:	rmation is tru al document.	e and
A -	10 01	1	1	··· ·
Thomas E. Jackson	Comme for	lan-	1 Gem	-2001
Name of Attorney Signing Si Reg. No. 33,064	gnature		Pate	
neg. No. 33,004				
Total number of pages includin	g cover sheet,	attachments an	d document: (14)
"Express Mail" mailing label number	EL2305304	61US		
Date of Deposit June	8, 2001			
I hereby certify that this paper or t				
"Express Mail Post Office to Address and is addressed to the Assistant Cor				icated above
Olga m Fredna		/)2 ~	m France	, 3
Printed Name		Signature		7
		U		/ \

13

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

-2- 531 Repuric... 08 JUN 2001

Conveying Parties (continued):

d)	Theodore Goodson, Jr.	February 8, 2000
e)	Steven Edward Hall	February 1, 2000
f)	David Kent Herron	February 8, 2000
g)	Sajan Pariyadan Joseph	February 7, 2000
h)	Valentine Joseph Klimkowski	February 8, 2000
i)	Jeffrey Alan Kyle	February 8, 2000
j)	John Joseph Masters	February 7, 2000
k)	David Mendel	February 7, 2000
1)	Guy Milot	February 1, 2000
m)	Marta Maria Pineiro-Nunez	February 7, 2000
n)	Jason Scott Sawyer	February 7, 2000
0)	Robert Theodore Shuman	January 20, 2000
p)	Gerald Floyd Smith	February 7, 2000
q)	Anne Louise Tebbe	January 25, 2000
r)	Jennifer Marie Tinsley	February 10, 2000
s)	Leonard Crayton Weir	February 1, 2000
t)	James Howard Wikel	February 10, 2000
u)	Michael Robert Wiley	February 7, 2000
v)	Ying Kwong Yee	February 10, 2000

ASSIGNMENT

WHEREAS we, Douglas Wade Beight, City of Frankfort, County of Clinton, State of Indiana; Trelia Joyce Craft, City of Indianapolis, County of Marion, State of Indiana; Jeffry Bernard Franciskovich, City of Indianapolis, County of Marion, State of Indiana; Theodore Goodson, Jr., City of Indianapolis, County of Marion, State of Indiana; Steven Edward Hall, State of Chapel Hill, County of Orange, State of North Carolina; David Kent Herron, City of Indianapolis, County of Marion, State of Indiana; Sajan Pariyadan Joseph, City of Indianapolis, County of Marion, State of Indiana; Valentine Joseph Klimkowski, City of Carmel, County of Hamilton, State of Indiana; Jeffrey Alan Kyle, City of Fishers, County of Hamilton, State of Indiana; John Joseph Masters, City of Fishers, County of Hamilton, State of Indiana; David Mendel, City of Indianapolis, County of Worldk, Commenced of Massachusetts; Marta María Piñeiro-Míñez, City of Brownsburg, County of Hendricks, State of Indiana; Jason Scott Sawyer, City of Indianapolis, County of Marion, State of Indiana; Robert Theodore Shuman, City of Sedona, County of Coconino, State of Arizona; Gerald Floyd Smith, City of Indianapolis, County of Marion, State of Indiana; Anne Louise Tebbe, City of Indianapolis, County of Marion, State of Indiana; Jennifer Marie Tinsley, City of Martinsville, County of Morgan, State of Indiana; Leonard Crayton Weir, City of Raleigh, County of Durham, State of North Carolina; James Howard Wikel, City of Greenwood, County of Johnson, State of Indiana; Michael Robert Wiley, City of Indianapolis, County of Marion, State of Indiana; Ying Kwong Yee, City of Carmel, County of Hamilton, State of Indiana, have made an invention which is the subject a Patent Cooperation Treaty ("PCT") patent application entitled ANTITHROMBOTIC AMIDES, PCT/US99/29832, filed 15 December 1999; and

WHEREAS ELI LILLY AND COMPANY, an Indiana corporation having its principal place of business at Lilly Corporate Center, Indianapolis, Indiana 46285, wishes to acquire the entire interest in all inventions disclosed in such Application;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto Eli Lilly and Company, its successors and assigns (collectively "Lilly") our entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in the United States or any foreign country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, reissues, international applications under Cooperation Treaty ("PCT"), United States provisional patent applications, certificates of addition, utility models, petty patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, supplementary protection certificates, copyrights, trademarks, and data package exclusivity rights; and any and all Letters Patent of the United States and of all foreign countries and all related patent term extensions which may be granted for Letters Patent with respect to the Application; all of the above to be held and enjoyed by Lilly for its own use and enjoyment to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by us had this Assignment and sale to Lilly not been made.

For ourselves and for our heirs, successors and legal representatives, we covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

for our ·heirs, successors ourselves and representatives, we further covenant and agree with Lilly that upon request we and they will, without further consideration than that now paid, but at the expense of Lilly: (i) execute original, provisional, substitute, continuation, divisional, continuation-in-part, reexamined, or reissued applications, amended specifications, or rightful declarations or oaths for such application; (ii) communicate to Lilly any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings, litigation discovery proceedings and depositions, cancellation proceedings, priority contests, public use administrative agency proceedings, litigation and other court oppositions, proceedings, administrative agency proceedings, litigation and other court actions and the like; (iv) execute and deliver any application papers, affidavits, declarations, assignments, or other instruments; and (v) do all proceedings, other acts which, in the opinion of counsel for Lilly, may be necessary or desirable to secure the grant of Letters Patent and related intellectual property to Lilly or its nominees, in the United States and in all other countries where Lilly may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for Lilly and to vest and confirm in Lilly or its nominees the full and complete legal and equitable title to all such Letters Patent and related intellectual property.

The effective date of this assignment is 15 December 1999.

IN WITNESS WHEREOF we have executed this assignment on the date indicated below.

Douglas Wade Beight

UNITED STATES OF AMERICA

STATE OF INDIANA)	
M)	S9:
COUNTY OF Marion)	

Before me, a Notary Public for Marian County, State of Indiana, personally appeared Douglas Wade Beight and acknowledged the execution of the foregoing instrument this 10 day of 1 linear 2000.

Links 6. Sicherall Notary Public

My Commission Expires

Linda C. McDonald
Resident: Marion County
My Commission Expires:
March 16, 2007

₽∆₩**E**: **%1**2

March 16, 2007

Inhibage Cuft Trelia Joyce Craft

STATE OF INDIANA) COUNTY OF Marion)	ßS:
Before me. a Notary	Public for Marion County, State of Indiana, a Joyce Craft and acknowledged the execution of the day of Fulrusy 2000.
	Sinda G. Mc Donald Notary Public
My Commission Expires	
Linda C. McDonald Resident: Marion County My Commission Expires:	
March 16, 2007	
	Oll Benefit ill
	Geffey Bernard Franciskovich
	UNITED STATES OF AMERICA
STATE OF INDIANA) COUNTY OF MANAGED)	S8:
Defens me a Motara	Public for Marion County, State of Indiana, by Bernard Franciskovich and acknowledged the execution and this gar day of following 2000.
	Sende 6 Mc Jane 9) Notary Public
My Commission Expires	-
Linda C. McDonald	
Resident: Marion County	
My Commission Expires:	

The far holy Theodore Goodson, Jr.

UNITED STATES OF AMERICA

STATE OF INDIANA)	•
COUNTY OF Marion) BE	
Before me, a Notary Pub personally appeared Theodore foregoing instrument this	Goodson, Jr. and acknowledged the execution of the day of Tilimany 2000.
•	Link Moderall Notary Public
My Commission Expires Linda C. McDonalc	
Resident: Marion County	
My Commission Expires:	
March 16, 2007	
-	Steven Edward Hall
	UNITED STATES OF AMERICA
STATE OF NORTH CAROLINA	}
COUNTY OF Durham) ss:)
Before me, a Notary Pub Carolina, personally appeared of the foregoing instrument to	olic for DWNOW County, State of North Steven Edward Hall and acknowledged the execution this day of February 2000.
	Jamela L. William
My Commission Expires	
October 01, 2003	

₽₽₽₽₽₩₽ ₽₽₽₽£: :9**0***2*9990 **₽₽₽**

STATE OF INDIANA

David Kent Herron

UNITED STATES OF AMERICA

COUNTY OF Marion	ss:	-		
Before me, a Notary I personally appeared David I foregoing instrument this	Public for Kent_Herron and day of	acknowledged February:	County, State the execution 2000.	of Indiana, of the
My Commission Expires		Syndo 6 Notary	Mr Denel	
_				
inda C. McDonald Resident: Marion County My Commission Expires: March 16, 2007			. /	
		Sajan Par ya	J. Joseph	
	UNITED STATE	S OF AMERICA		
COUNTY OF Marson	ss:	-		
Before me, a Notary personally appeared Sajan foregoing instrument this	Public for Pariyadan Jose day	Marion ph and acknowl of furn	County, State edged the execu- 2000.	of Indiana, ution of the
		Linda	6. Mc Son	ld.

My Commission Expires

Linda C. McDonald
Resident: Marion County
My Commission Expires:
March 16, 2007

₩₩₩₩₩₩₩₩ ₩₩₩₩₩₩₩₩₩₩₩₩

My Commission Expires:

March 16, 2007

Valentine Joseph Klimkowski

STATES OF AMERICA
STATE OF INDIANA)
COUNTY OF Marion) ss:
Before me, a Notary Public for Marion County, State of Indiana personally appeared Valentine Joseph Klimkowski and acknowledged the execution of the foregoing instrument this X to day of Filtrany 2000.
My commission expires: Linda C. McDonald Resident: Marion County My Commission Expires: March 16, 2007
Jeffen Clan Kyle
UNITED STATES OF AMERICA
STATE OF INDIANA) COUNTY OF MANAGEM)
Before me, a Notary Public for Marine County, State of Indiana, personally appeared Jeffrey Alan Kyle and acknowledged the execution of the foregoing instrument this Bille day of Julius 2000.
Linda 6. Mc Donald Notary Public
My commission expires:
Linda C. McDonald
Resident: Marion County

Hohn roseth Masters

UNITED STATES OF AMERICA

STATE OF INDIANA)
COUNTY OF Marion) ss:
Before me, a Notary Public for Morion County, State of Indiana personally appeared John Joseph Masters and acknowledged the execution of the foregoing instrument this day of Tilunary 2000.
Y Commission Expires
y Commitsion Expires
nda C. McDonald
sident: Marion County —
y Commission Expires:
arch 16, 2007
David Mendel

UNITED STATES OF AMERICA

STATE OF INDIANA)

COUNTY OF Marier)

Before me, a Notary Public for Morron County, State of Indiana, personally appeared David Mendel and acknowledged the execution of the foregoing instrument this 7th day of February 2000.

Senda 6: Mr. Danall Notary Public

My Commission Expires

Linda C. McDonald
Resident: Marion County
My Commission Expires:
March 16, 2007

Guy Kilot

UNITED STATES OF AMERICA
STATE OF NORTH CAROLINA PO
COUNTY OF DURWAM
orth Carolina Before me, a Notary Public for Dunam County, Commonwealth of Macachusetts, personally appeared Guy Milot and acknowledged the execution of
the foregoing instrument this 15 day of February 2000.
Pambell winder
My Commission Expires
October 01,2003
La
Marta María Pifieiro Núfiez
May to Maria 2 - 100
UNITED STATES OF AMERICA
STATE OF INDIANA .)
COUNTY OF MARION)
Before me, a Notary Public for Maria County, State of Indiana personally appeared Marta María Piñeiro-Núñez and acknowledged the execution of day of the execution of day of the execution of the
the foregoing instrument this day of
Binda Co. McDorall
Notary Public
My commission expires:
Linda C. McDonald Resident: Marion County
My Commission Expires:
March 16, 2007

ተታልተਦNተ የየፍርቲ: :0*04*9990 ፍርርቲ: **:06**18

My Commission Expires

Jason Scott Sawyer

STATE OF INDIANA)
COUNTY OF MARION)
Before me, a Notary Public for County, State of Indiana, personally appeared Jason Scott Sawyer and acknowledged the execution of the foregoing instrument this day of
Lenda G. M. Donald Notary Public
My Commission Expires
Linda C. McDonald Resident: Marion County My Commission Expires: March 16, 2007
Robert Theodore Shuman
UNITED STATES OF AMERICA
STATE OF ARIZONA) SB: COUNTY OF YOUAGA) SB: COUNTY OF YOUAGA) COUNTY, State of Arizona,
Before me, a Notary Public for <u>QVQPQ</u> County, State of Arizona, personally appeared Robert Theodore Shuman and acknowledged the execution of the foregoing instrument this <u>DOM</u> day of <u>January</u> 2000.
Sherry Public

Resident: Marion County My Commission Expires:

March 16, 2007

Lival Toyl In the

UNITED STATES OF AMERICA

STATE OF INDIANA)
COUNTY OF Marian)
Before me, a Notary Public for <u>March</u> County, State of Indian personally appeared Gerald Floyd Smith and acknowledged the execution of the foregoing instrument this <u>Notary</u> day of <u>Flavoury</u> 2000.
Lynda Co. Mc Done of Notary Public
My Commission Expires
Linda C. McDonald Resident: Marion County
My Commission Expires: March 16, 2007
•
Anne Louise Tebbe
UNITED STATES OF AMERICA
STATE OF INDIANA
SS:
Before me, a Notary Public for MARION County, State of Indian personally appeared Anne Louise Tebbe and acknowledged the execution of the foregoing instrument this 15th day of JANNARY 2000.
Link 6 Mond
My Commission Expires
Linda C. McDonald

#?&\#E!\\# \$\$\$\$\#\#E!:::01*#*\$99\$\#F!\

Jennifes Marie Tindles

STATE OF INDIANA -)	
COUNTY OF Marion) ss:	
Before me. a Notary Public for	Marion County, State of Indiana has ley and acknowledged the execution of the y of Filmony 2000.
	Jensto 6 Mi Done & Notary Public
My Commission Expires	
inda C. McDonald Resident: Marion County Resident: Marion Expires:	
viarch 16, 2007	Leonard Crayton Weir
UNITED ST	TATES OF AMERICA
STATE OF NORTH CAROLINA) COUNTY OF	County, State of North Crayton Weir and acknowledged the this day of February 2000.
	Motary Public
My Commission Expires	,
October 01, 2003	

James Howard Wikel

UNITED STATES OF AMERICA

STATE OF INDIANA	
COUNTY OF Marin) ss:	
Before me, a Notary Public for personally appeared James Howard Wike foregoing instrument this da	and acknowledged the execution of the
	Lende B. Medouse Notary Public
My Commission Expires	
inda C. McDonald Resident: Marion County	
My Commission Expires: March 16, 2007	
	Michael Robert Wiley
UNITED S	TATES OF AMERICA
STATE OF INDIANA) COUNTY OF Marion)	,
Before me, a Notary Public for personally appeared Michael Robert W foregoing instrument this	County, State of Indiana iley and acknowledged the execution of the lay of full 1990.
	Lunda G. M. Soral
My Commission Expires	
- **-Donald	
Linda C. McDorlate Resident: Marion County Resident: Expires:	
The Commission of the commissi	
March 16, 2007	

₽₽₽₽₽₽₽ ₽<mark>966: ЭМА</mark>СЯТОООО

UNITED STATES OF AMERICA

_	*	m	\sim	INDIANA	
Э Т.	•	16	Or	TINDTWIN	L

Before me, a Notary Public for <u>Marion</u> County, State of Indiana, personally appeared Ying Kwong Yee and acknowledged the execution of the foregoing instrument this <u>107</u> day of <u>Filming</u> 2000.

My Commission Expires

Linda C. McDonald **Resident: Marion County** My Commission Expires: March 16, 2007

-2- 531 Redu Pt

1005 NUL 8 0

Conveying Parties (continued):

d)	Theodore Goodson, Jr.	February 8, 2000
e)	Steven Edward Hall	February 1, 2000
f)	David Kent Herron	February 8, 2000
g)	Sajan Pariyadan Joseph	February 7, 2000
h)	Valentine Joseph Klimkowski	February 8, 2000
i)	Jeffrey Alan Kyle	February 8, 2000
j)	John Joseph Masters	February 7, 2000
k)	David Mendel	February 7, 2000
1)	Guy Milot	February 1, 2000
m)	Marta Maria Pineiro-Nunez	February 7, 2000
n)	Jason Scott Sawyer	February 7, 2000
0)	Robert Theodore Shuman	January 20, 2000
p)	Gerald Floyd Smith	February 7, 2000
q)	Anne Louise Tebbe	January 25, 2000
r)	Jennifer Marie Tinsley	February 10, 2000
s)	Leonard Crayton Weir	February 1, 2000
t)	James Howard Wikel	February 10, 2000
u)	Michael Robert Wiley	February 7, 2000
V)	Ying Kwong Yee	February 10, 2000