

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4706255

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NEUROGESX, INC.	04/15/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ACORDA THERAPEUTICS, INC.
<b>Street Address:</b>	420 SAW MILL RIVER ROAD
<b>City:</b>	ARDSLEY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10502
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13083294
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)494-0792
<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>	(650) 813-5662
<b>Email:</b>	drovetti@mofo.com
<b>Correspondent Name:</b>	JANE KUZELKA
<b>Address Line 1:</b>	MORRISON & FOERSTER LLP
<b>Address Line 2:</b>	755 PAGE MILL ROAD
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94304-1018
<b>ATTORNEY DOCKET NUMBER:</b>	717472001310
<b>NAME OF SUBMITTER:</b>	JANE KUZELKA
<b>SIGNATURE:</b>	/Jane Kuzelka/
<b>DATE SIGNED:</b>	11/28/2017
<b>Total Attachments: 30</b>	
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**PATENT ASSIGNMENT**

**THIS PATENT ASSIGNMENT** (this “*Assignment*”) is entered into and made effective this 8th day of July, 2013, by and between NeurogesX, Inc., a Delaware corporation (“*Assignor*”), and Acorda Therapeutics, Inc., a Delaware corporation (“*Assignee*”).

**WHEREAS**, Assignor and Assignee are parties to that certain Asset Purchase Agreement dated as of April 15, 2013 (the “*Purchase Agreement*”) pursuant to which Assignor is transferring certain assets and liabilities of Assignor to Assignee; and

**WHEREAS**, the Purchase Agreement contemplates Assignor and Assignee entering into this Assignment in order to effectuate certain of the transfers contemplated by the Purchase Agreement in accordance with the terms and conditions set forth therein and herein.

**NOW, THEREFORE**, in consideration for the execution of the Purchase Agreement, the payment of the consideration stipulated in the Purchase Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee hereby agree as follows:

1. Assignor hereby sells, assigns, transfers and delivers unto Assignee, its successors, legal representatives and assigns, all of Assignor’s rights, title and interests in, to and under the following (the “*Assigned Patents*”): (a) the patents and patent applications identified by title or the U.S., foreign, or international patent or patent application numbers, as applicable, listed on the attached Schedule A and all of the inventions claimed or otherwise disclosed therein (hereafter, collectively, the “*Patents*”), together with all provisionals, non-provisionals, divisions, renewals, requests for continuing examination, continuations, continuations-in-part, substitutions, international counterparts and foreign counterparts thereof in the Buyer Territory (as such term is defined in the Purchase Agreement), and all patents of the United States or of any other country which may be granted thereon in the Buyer Territory, and all reissues, reexaminations, renewals and extensions thereof; (b) all applications for and forms of industrial property protection, including without limitation all applications for patents, utility models, inventors’ certificates and designs which may be filed for any such inventions in the United States and in other countries in the Buyer Territory and all extensions, renewals, re-examinations and reissues thereof; (c) all rights of any kind whatsoever of Assignor accruing under any of the foregoing, including the right to file applications and the right to claim the priority rights or any other rights derived from any patents or patent applications described herein (including without limitation the Patents) under the patent or applicable domestic laws of the United States or any other country in the Buyer Territory, or the Paris Convention for the Protection of Industrial Property, the Patent Cooperation Treaty or any other international agreement, treaty, law or convention.

2. Assignor further sells, assigns, transfers, and delivers to Assignee all of Assignor’s rights to sue or to bring any action or to assert any claim, whether at law or in equity, against any third party relating to any of the Assigned Patents, including without limitation for past, present or future infringement, misappropriation, or other

unauthorized use or misuse of any of the Assigned Patents, to obtain injunctive relief, and to recover or collect royalties, damages, and profits, including without limitation for such past, present or future infringement, misappropriation or unauthorized use or misuse of any of the Assigned Patents.

3. Assignor hereby authorizes and requests the Commissioner for Patents and any official of any country, including without limitation in the United States and in other countries in the Buyer Territory, whose duty it is to issue patents or other evidence or forms of industrial property protection on any applications described herein, to issue the same to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this Assignment.

4. Assignor hereby covenants and agrees that it will not execute any agreement in conflict herewith.

5. Assignor hereby agrees to prepare, execute and deliver, or to cause to be prepared, executed and delivered, to Assignee, at Assignee's expense, such deeds, bills of sale, instruments of assumption, assignments, instruments of recordation, and other instruments, and take such other actions, in addition to those required by this Assignment, as Assignee may reasonably request in order to effect the intent and purposes of this Assignment (including without limitation the implementation and recordation of the transactions contemplated by this Assignment).

6. Assignor hereby irrevocably designates and appoints Assignee and its duly authorized officers and agents as its agents and attorneys in fact, to act for and in its behalf and stead to execute and file any such documents and to do all other lawfully permitted acts to register, evidence or perfect Assignee's rights under this Assignment, including without limitation as required or contemplated by Section 5 hereof or by the Purchase Agreement, with the same legal force and effect as if executed by Assignor or any of its successors, legal representatives or assigns.

7. Nothing in this Assignment, express or implied, is intended to or shall be construed to modify, expand or limit in any way the terms of the Purchase Agreement. To the extent that any provision of this Assignment conflicts or is inconsistent with the terms of the Purchase Agreement, the terms of the Purchase Agreement shall govern and control.

**[Signature Page Follows]**

IN TESTIMONY WHEREOF, the person executing this Assignment in a representative capacity on behalf of the Assignor warrants that he/she is fully authorized and empowered to do so and sets his/her hand and seal the day and year set with his/her signature.

Assignor: NeurogesX, Inc.

Signature: 

Typed

Name: Ronald Martelli

Title: President + CEO

Address: 999 Bakerway  
Suite 200  
San Mateo CA 94404

Date:

State of \_\_\_\_\_  
County of \_\_\_\_\_ } SS.:

On this \_\_\_ day of \_\_\_\_\_, 2013, before me, \_\_\_\_\_

\_\_\_\_\_, Notary Public, personally appeared \_\_\_\_\_, personally

known 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.

WITNESS my hand and official seal

\_\_\_\_\_

[Signature page to Patent Assignment Agreement]

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1189

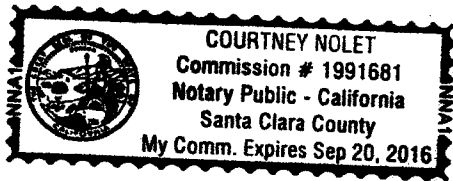
State of California

County of Santa Clara }

On July 1, 2013 before me, Courtney Nolet, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Ronald Martell  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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: Courtney Nolet  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

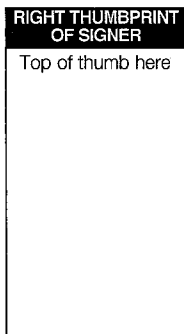
Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

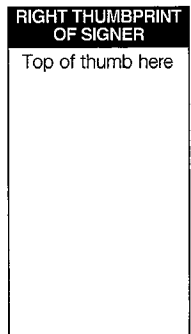
- Corporate Officer — Title(s): \_\_\_\_\_
- Individual
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Individual
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

HEREBY ACKNOWLEDGED AND AGREED TO:

Assignee: Acorda Therapeutics, Inc

Signature:

*David Lawrence*  
\_\_\_\_\_

Typed Name: David Lawrence

Name:

Title: Chief Financial Officer

Address:

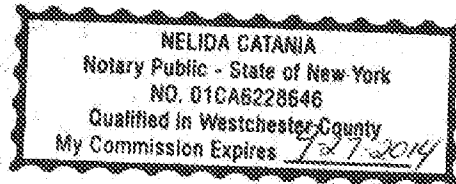
Date:

State of *New York* }  
County of *Westchester* } SS.:

On this 28 day of June, 2013, before me, Nelida Catania  
Notary Public, personally appeared David Lawrence, personally known 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.

WITNESS my hand and official seal

*Nelida Catania*  
\_\_\_\_\_



[Signature page to Patent Assignment Agreement]

**SCHEDULE A**



## SCHEDULE A

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
52452-20002.00	US United States	FREE-BASE FORMULATIONS OF LOCAL ANESTHETICS	10/387,189 03-11-2003		60/425,212 11-07-2002	Normal	KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEED MUHAMMAD WENDYE R. ROBBINS LARRY LITLE ARTURO ANGEL	NeurogesX	Inactive
52452-20002.40	PCT International (PCT)	FREE-BASE FORMULATIONS OF LOCAL ANESTHETICS	PCT/US03/07424 03-11-2003		60/425,212 11-07-2002	Normal	KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEED MUHAMMAD WENDYE R. ROBBINS LARRY LITLE ARTURO ANGEL	NeurogesX	Inactive
52452-20002.41	TW Taiwanese	FREE-BASE FORMULATIONS OF LOCAL ANESTHETICS	092105335 03-12-2003		60/425,212 11-07-2002	Normal	KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEED MUHAMMAD WENDYE R. ROBBINS LARRY LITLE ARTURO ANGEL	NeurogesX	Inactive
52452-20004.00	US United States	USE OF VR1 RECEPTOR AGONISTS IN PREVENTION OF OPIOID			60/353,935 01-31-2002	Normal	KEITH R. BLEY	NeurogesX	Docketed

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
52452-20004.40	PCT International (PCT)	ABUSE USE OF VRI RECEPTOR AGONISTS IN PREVENTION OF OPIOID ABUSE	PCT/US03/02791 01-31-2003			Normal	KEITH R. BLEY	NeurogesX	Inactive
52452-20005.00	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURFACES	10/655,911 09-05-2003		60/440,616 09-13-2002	Normal	ARTURO J. ANGEL LARRY W. LITLE KEITH R. BLEY ALLAN L. WILCOX GENE CURTIS JAMIESON NAWEED MUHAMMAD DOW PHARM. TO NEUROGESX	NeurogesX	Inactive
52452-20005.01	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURFACES	10/810,185 03-26-2004		10/655,911 09-05-2003	Continuation	ARTURO J. ANGEL LARRY W. LITLE KEITH R. BLEY ALLAN L. WILCOX GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Inactive
52452-20005.02	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILY SURFACES	12/830,997 07-06-2010	8,263,059 09-11-2012	10/655,911 09-05-2003	Continuation	ARTURO J. ANGEL LARRY W. LITLE KEITH R. BLEY ALLAN L. WILCOX GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Granted
52452-	US	COMPOSITIO	13/596,773		12/830,997	Continuat	ARTURO J.	NeurogesX	Filed

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
20005.03	United States	NS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILY SURFACES	08-28-2012		07-06-2010	ion	ANGEL LARRY W. LITLE KEITH R. BLEY ALLAN L. WILCOX GENE CURTIS JAMIESON NAWEED MUHAMMAD		
52452-20005.10	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILY SURFACES	11/435,188 05-15-2006		10/655,911 09-05-2003	Divisional	ARTURO J. ANGEL LARRY W. LITLE KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEED MUHAMMAD	NeurogesX	Inactive
52452-20005.11	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILY SURFACES	11/435,187 05-15-2006		10/655,911 09-05-2003	Divisional	ARTURO J. ANGEL LARRY W. LITLE KEITH R. BLEY ALLAN L. WILCOX GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Inactive
52452-20005.20	US United States	ANTIMICROBIAL AND ANTIVIRAL COMPOSITIONS				Continuation In Part	GENE CURTIS JAMIESON	NeurogesX	Inactive
52452-20005.40	PCT International (PCT)	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILY SURFACES	PCT/US03/27742 09-05-2003		60/410,616 09-13-2002	Normal	ARTURO ANGEL LARRY LITLE KEITH R. BLEY ALLAN L. WILCOX	NeurogesX	Inactive

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
		ACES					GENE C. JAMIESON NAWEED MUHAMMAD		
52452-20005.41	CA Canadian	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURFACES	2497771 09-05-2003		PCT/US03/27742 09-05-2003	PCT National Phase	ARTURO ANGEL LARRY LITLE KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEEED MUHAMMAD	NeurogesX	Filed
52452-20005.42	JP Japanese	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURFACES	2004534582 09-05-2003	4279254 03-19-2009	PCT/US03/27742 09-05-2003	PCT National Phase	ARTURO ANGEL LARRY LITLE KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEEED MUHAMMAD	NeurogesX	Granted
52452-20005.43	MX Mexican	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILY SURFACES	PAA2005002440 09-05-2003		PCT/US03/27742 09-05-2003	PCT National Phase	ARTURO ANGEL LARRY LITLE KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON NAWEEED MUHAMMAD	NeurogesX	Abandoned
52452-20005.46	JP Japanese	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURFACES	2008289299 09-05-2003		2004534582 09-05-2003	Divisional 1	ARTURO ANGEL LARRY LITLE KEITH R. BLEY ALLAN L. WILCOX GENE C. JAMIESON	NeurogesX	Abandoned

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
							NAWEED MUHAMMAD		
52452-20008.00	US United States	TRANSDERMAL DELIVERY OF THE ACTIVE ENANTIOMER OF KETOROLAC	08/148,704 11-08-1993	5,883,115 03-16-1999		Continuation In Part	G. CARLO SANTUS RICHARD W. BAKER	NeurogesX	Inactive
52452-20008.40	PCT International (PCT)	TRANSDERMAL DELIVERY OF THE EUTOMER OF A CHIRAL DRUG	PCT/US93/10759 11-09-1993		07/973,801 11-09-1992	Normal	CIANCARLO SANTUS RICHARD W. BAKER	NeurogesX	Inactive
52452-20008.41	JP Japanese	TRANSDERMAL DELIVERY OF THE EUTOMER OF A CHIRAL DRUG	6512267 11-09-1993		PCT/US93/10759 11-09-1993	PCT National Phase	GIANCARLO SANTUS RICHARD W. BAKER	NeurogesX	Inactive
52452-20009.00	US United States	LIQUID RESERVOIR TRANSDERMAL PATCH FOR THE ADMINISTRATION OF KETOROLAC	08/470,659 06-06-1995	5,591,767 01-07-1997	08/010,256 01-25-1993	Continuation	JUDY M. MOHR RICHARD W. BAKER LISA A. NAKAJI	NeurogesX	Inactive
52452-20009.40	PCT International (PCT)	TRANSDERMAL DELIVERY OF KETOROLAC	PCT/US93/10761 11-09-1993		08/010,256 01-25-1993	Normal	JUDY M. MOHR RICHARD W. BAKER LISA A. NAKAJI	NeurogesX	Inactive
52452-20009.41	JP Japanese	TRANSDERMAL DELIVERY OF KETOROLAC	6512268 11-09-1993		PCT/US93/10761 11-09-1993	PCT National Phase	JUDY M. MOHR RICHARD W. BAKER LISA A. NAKAJI	NeurogesX	Inactive
52452-20010.00	US United States	TRANSDERMAL DELIVERY OF THE ACTIVE ENANTIOMER OF KETOROLAC	08/470,648 06-06-1995	5,589,498 12-31-1996	08/008,814 01-22-1993	Normal	JUDY M. MOHR RICHARD W. BAKER LISA A. NAKAJI	NeurogesX	Inactive

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
52452-20013.00	US United States	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	10/823,426 04-12-2004	7,943,166 05-17-2011	60/499,062 08-29-2003	Normal	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Granted
52452-20013.01	US United States	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	13/083,306 04-08-2011	8,263,093 09-11-2012	10/823,426 04-12-2004	Continuation	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Granted
52452-20013.02	US United States	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	13/585,692 08-14-2012			Continuation	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Filed
52452-20013.10	US United States	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	13/083,294 04-08-2011	8,273,390 09-25-2012	10/823,426 04-12-2004	Divisional	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Granted
52452-20013.40	PCT International (PCT)	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	PCT/US2004/011336 04-12-2004		60/499,062 08-29-2003	Normal	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Inactive
52452-20013.41	CA Canadian	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	2522028 04-12-2004	2522028 11-01-2011	PCT/US2004/011336 04-12-2004	PCT National Phase	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Granted

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
52452-20013.42	JP Japanese	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	2006509964 04-12-2004	4931128 02-24-2012	PCT/US2004/011336 04-12-2004	PCT National Phase	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Granted
52452-20013.45	HK Hong Kong	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	061075011 07-03-2006		047500509 04-12-2004	Re-registration of Foreign Registration	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Filed
52452-20013.55	JP Japanese	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	2010115835 04-12-2004		2006509964 04-12-2004	Divisional	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Abandoned
52452-20013.56	CA Canadian	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	04-12-2004		2522028 04-12-2004	Divisional	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Docketed
52452-20013.57	JP Japanese	JAPAN-JAPAN-METHODS AND COMPOSITIONS FOR ADMINISTRATION OF TRPV1 AGONISTS	2012278005 04-12-2004		2010115835 04-12-2004	Divisional	NAWEED MUHAMMAD GENE C. JAMIESON KEITH R. BLEY SANJAY CHANDA	NeurogesX	Filed
52452-20017.00	US United States	LOW-CONCENTRATION CAPSAICIN PATCH AND METHODS FOR TREATING	11/396,161 03-30-2006		60/666,880 03-30-2005	Normal	KEITH R. BLEY	NeurogesX	Inactive

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
		NEUROPATHIC PAIN							
52452-20017.01	US United States	LOW-CONCENTRATION CAPSAICIN PATCH AND METHODS FOR TREATING NEUROPATHIC PAIN	13/083,281 04-08-2011			Continuation	KEITH R. BLEY	NeurogesX	Abandoned
52452-20017.40	PCT International (PCT)	LOW-CONCENTRATION CAPSAICIN PATCH AND METHODS FOR TREATING NEUROPATHIC PAIN	PCT/US2006/012271 03-30-2006		60/666,880 03-30-2005	Normal	KEITH R. BLEY	NeurogesX	Inactive
52452-20017.42	CA Canadian	LOW-CONCENTRATION CAPSAICIN PATCH AND METHODS FOR TREATING NEUROPATHIC PAIN	2602832 03-30-2006		PCT/US2006/012271 03-30-2006	PCT National Phase	KEITH R. BLEY	NeurogesX	Abandoned
52452-20017.43	HK Hong Kong	LOW-CONCENTRATION CAPSAICIN PATCH AND METHODS FOR TREATING NEUROPATHIC PAIN	081052926 05-13-2008		067491464 03-30-2006	Re-registration of Foreign Registration	KEITH R. BLEY	NeurogesX	Filed
52452-20018.00	US United States	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	11/411,328 04-25-2006	7,632,519 12-15-2009	60/675,027 04-25-2005	Normal	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Granted



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52452-20018.40	PCT International (PCT)	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	PCT/US2006/015785 04-25-2006		60/675,027 04-25-2005	Normal	GENE CURTIS JAMIESON KEITH BLEY	NeurogesX	Inactive
52452-20018.41	AU Australian	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	2006241176 04-25-2006		PCT/US2006/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON KEITH BLEY	NeurogesX	Abandoned
52452-20018.42	BR Brazilian	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	06103332 04-25-2006		PCT/US2006/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH BLEY	NeurogesX	Filed
52452-20018.43	CA Canadian	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	2606086 04-25-2006		PCT/US2006/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20018.44	CN Chinese	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	200680022731 04-25-2006		PCT/US2006/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Abandoned
52452-20018.48	IN Indian	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	4155KOLNP2007 04-25-2006		PCT/US2006/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Abandoned
52452-	JP	TRPV1	2008509075		PCT/US20	PCT	GENE	NeurogesX	Abandoned

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20018.49	Japanese	AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	04-25-2006		06/015785 04-25-2006	National Phase	CURTIS JAMIESON KEITH BLEY		
52452-20018.50	KR South Korean	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	1020077027 188 04-25-2006		PCT/US20 06/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH BLEY	NeurogesX	Abandoned
52452-20018.51	MX Mexican	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	MXA200701 3330 04-25-2006	281999 12-13-2010	PCT/US20 06/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Granted
52452-20018.53	PH Philippines	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	1200750238 0 04-25-2006		PCT/US20 06/015785 04-25-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH BLEY	NeurogesX	Abandoned
52452-20018.55	HK Hong Kong	TRPV1 AGONIST COMPOUNDS AND METHODS FOR MAKING AND USING THE SAME	081080469 04-25-2006		067586156 04-25-2006	Re-registration of Foreign Registration	GENE CURTIS JAMIESON NAWEED MUHAMMAD	NeurogesX	Filed
52452-20019.00	US United States	OILS OF CAPSAICINOIDS AND METHODS OF MAKING AND USING THE SAME	11/394,495 03-31-2006	7,771,760 08-10-2010	60/667,546 04-01-2005	Normal	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Granted
52452-20019.40	PCT International (PCT)	OILS OF CAPSAICINOIDS AND	PCT/US2006 /011767 03-31-2006		60/667,546 04-01-2005	Normal	GENE CURTIS JAMIESON	NeurogesX	Inactive

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		METHODS OF MAKING AND USING THE SAME					NAWEED MUHAMMAD KEITH R. BLEY		
52452-20019.41	CA Canadian	OILS OF CAPSAICINOIDS AND METHODS OF MAKING AND USING THE SAME	2602796 03-31-2006		PCT/US2006/011767 03-31-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20019.44	JP Japanese	OILS OF CAPSAICINOIDS AND METHODS OF MAKING AND USING THE SAME	2008504395 03-31-2006	5042989 07-20-2012	PCT/US2006/011767 03-31-2006	PCT National Phase	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Granted
52452-20019.45	HK Hong Kong	OILS OF CAPSAICINOIDS AND METHODS OF MAKING AND USING THE SAME	081023735 03-03-2008		067489690 03-31-2006	Re-registration of Foreign Registration	GENE CURTIS JAMIESON NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-20021.00	US United States	ANTIMICROBIAL AND ANTIVIRAL COMPOSITIONS				Normal	GENE CURTIS JAMIESON	NeurogesX	Inactive
52452-20022.00	US United States	DEVICE FOR DELIVERY OF TRPV1 AGONISTS	11/354,349 02-14-2006		60/652,923 02-14-2005	Normal	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Inactive
52452-20022.40	PCT International (PCT)	DEVICE FOR DELIVERY OF TRPV1 AGONISTS	PCT/US2006/005453 02-14-2006		60/652,923 02-14-2005	Normal	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Inactive
52452-20022.41	AU Australian	DRUG DELIVERY DEVICE	2006214289 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON	NeurogesX	Abandoned

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							KEITH R. BLEY		
52452-20022.42	BR Brazilian	DRUG DELIVERY DEVICE	06074618 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Abandoned
52452-20022.43	CA Canadian	DRUG DELIVERY DEVICE	2597651 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Abandoned
52452-20022.44	CN Chinese	DRUG DELIVERY DEVICE	2006800120524 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Abandoned
52452-20022.46	JP Japanese	DRUG DELIVERY DEVICE	2007555375 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Abandoned
52452-20022.47	KR South Korean	DRUG DELIVERY DEVICE	1020077020812 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Abandoned
52452-20022.48	MX Mexican	DRUG DELIVERY DEVICE	MXA2007009838 02-14-2006		PCT/US2006/005453 02-14-2006	PCT National Phase	NAWEED MUHAMMAD GENE CURTIS JAMIESON KEITH R. BLEY	NeurogesX	Abandoned
52452-20022.51	HK Hong Kong	DRUG DELIVERY DEVICE	081022807 02-29-2008		067208132 02-14-2006	Re-registration of Foreign Registrati	NAWEED MUHAMMAD GENE CURTIS JAMIESON	NeurogesX	Abandoned

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						on	KEITH R. BLEY		
52452-20024.00	US United States	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	11/999,660 12-05-2007		60/873,519 12-05-2006	Normal	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-20024.40	PCT International (PCT)	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	PCT/US2007/024984 12-05-2007		60/873,519 12-05-2006	Normal	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-20024.41	AU Australian	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	2007328007 12-05-2007		PCT/US2007/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.42	BR Brazilian	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	PI07199376 12-05-2007		PCT/US2007/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.43	CA Canadian	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	2671737 12-05-2007		PCT/US2007/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.44	CN Chinese	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	2007800508712 12-05-2007		PCT/US2007/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.47	IN Indian	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	3893CHENP2009 12-05-2007		PCT/US2007/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.48	JP Japanese	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	2009540292 12-05-2007		PCT/US2007/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned

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		USING THE SAME							
52452-20024.49	KR South Korean	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	1020097013 918 12-05-2007		PCT/US20 07/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.50	MX Mexican	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	MXA200900 6007 12-05-2007		PCT/US20 07/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.52	NZ New Zealand	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	578049 12-05-2007		PCT/US20 07/024984 12-05-2007	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.54	HK Hong Kong	PRODRUGS AND METHODS OF MAKING AND USING THE SAME	101051335 12-05-2007		078625795 12-05-2007	Re-registratio n of Foreign Registrati on	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20024.55	HK Hong Kong	OPIOID PRODRUGS	101091300 12-05-2007		200780050 8712 12-05-2007	Re-registratio n of Foreign Registrati on	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20025.00	US United States	FORMULATIO N FOR THE TREATMENT OF PAIN	11/145,266 06-02-2005		60/576,372 06-02-2004	Normal	MANOJ MANIAR	NeurogesX	Inactive
52452-20025.01	US United States	FORMULATIO NS FOR THE TREATMENT OF PAIN	13/232,905 09-14-2011		11/145,266 06-02-2005	Continuat ion	MANOJ MANIAR	NeurogesX	Filed
52452-20025.40	PCT International (PCT)	FORMULATIO N FOR THE TREATMENT OF PAIN	PCT/US2005 /019687 06-02-2005		60/576,372 06-02-2004	Normal	MANOJ MANIAR	NeurogesX	Inactive
52452-20025.41	AU Australian	FORMULATIO NS COMPRISING A	2005249572 06-02-2005		PCT/US20 05/019687 06-02-2005	PCT National Phase	MANOJ MANIAR	NeurogesX	Abandoned

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		CAPSAICINOIS A LOCAL ANESTHETIC AND/OR AN ANTIPURITIC AGENT FOR THE TREATMENT OF PAIN							
52452-20025.42	CA Canadian	FORMULATIONS COMPRISING A CAPSAICINOIS A LOCAL ANESTHETIC AND/OR AN ANTIPURITIC AGENT FOR THE TREATMENT OF PAIN	2569155 06-02-2005		PCT/US2005/019687 06-02-2005	PCT National Phase	MANOJ MANIAR	NeurogesX	Abandoned
52452-20025.44	JP Japanese	FORMULATIONS COMPRISING A CAPSAICINOIS A LOCAL ANESTHETIC AND/OR AN ANTIPURITIC AGENT FOR THE TREATMENT OF PAIN	2007515650 06-02-2005	5148271 12-07-2012	PCT/US2005/019687 06-02-2005	PCT National Phase	MANOJ MANIAR	NeurogesX	Granted
52452-20025.45	HK Hong Kong	FORMULATIONS COMPRISING A CAPSAICINOIS A LOCAL ANESTHETIC AND/OR AN ANTIPURITIC AGENT FOR THE TREATMENT OF PAIN	071102605 09-20-2007		057586687 06-02-2005	Re-registration of Foreign Registration	MANOJ MANIAR	NeurogesX	Filed
52452-20025.46	AU Australian	FORMULATIONS	2011226818 06-02-2005		2005249572	Divisional	MANOJ MANIAR	NeurogesX	Abandoned

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		COMPRISING A CAPSAICINOIS A LOCAL ANESTHETIC AND/OR AN ANTIPURITIC AGENT FOR THE TREATMENT OF PAIN			06-02-2005				
52452-20026.00	US United States	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	12/993,088 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20026.40	PCT International (PCT)	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	PCT/US2009/044743 05-20-2009		61/054,774 05-20-2008	Normal	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-20026.41	AU Australian	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	2009249067 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20026.42	BR Brazilian	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	PENDING 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20026.43	CA Canadian	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	2724877 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20026.44	CN Chinese	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	2009801282182 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20026.47	IN Indian	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	8847DELNP 2010 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20026.48	JP Japanese	WATER-SOLUBLE	2011510691 05-20-2009		PCT/US2009/044743	PCT National	NAWEED MUHAMMAD	NeurogesX	Filed



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		ACETAMINOPHEN ANALOGS			05-20-2009	Phase	KEITH R. BLEY		
52452-20026.49	KR South Korean	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	1020107027998 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20026.50	MX Mexican	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	MXa2010012648 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20026.51	NZ New Zealand	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	589331 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20026.53	SG Singaporean	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	2010084978 05-20-2009		PCT/US2009/044743 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20026.54	HK Hong Kong	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	121012910 05-20-2009		2009801282182 05-20-2009	Re-registration of Foreign Registration	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20027.00	US United States	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	12/993,089 05-20-2009		PCT/US2009/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20027.40	PCT International (PCT)	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	PCT/US2009/044746 05-20-2009		61/054,765 05-20-2008	Normal	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-20027.41	AU Australian	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	2009249069 05-20-2009		PCT/US2009/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-	BR	CARBONATE	09128212		PCT/US20	PCT	NAWEED	NeurogesX	Abandoned

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20027.42	Brazilian	PRODRUGS AND METHODS OF USING THE SAME	05-20-2009		09/044746 05-20-2009	National Phase	MUHAMMAD KEITH R. BLEY		
52452-20027.43	CA Canadian	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	2724881 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20027.44	CN Chinese	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	2009801282 178 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20027.47	IN Indian	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	8842DELNP 2010 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20027.48	JP Japanese	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	2011510693 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20027.49	KR South Korean	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	1020107028 471 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20027.50	MX Mexican	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	MXa201001 2649 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Filed
52452-20027.51	NZ New Zealand	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	589332 05-20-2009		PCT/US20 09/044746 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-	SG	CARBONATE	2010084994		PCT/US20	PCT	NAWEED	NeurogesX	Abandoned

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20027.53	Singaporean	PRODRUGS AND METHODS OF USING THE SAME	05-20-2009		09/044746 05-20-2009	National Phase	MUHAMMAD KEITH R. BLEY		
52452-20027.54	HK Hong Kong	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	121012929 05-20-2009		200980128 2178 05-20-2009	Re-registration of Foreign Registration	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Abandoned
52452-20028.00	US United States	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	12/993,091 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Filed
52452-20028.40	PCT International (PCT)	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	PCT/US2009 /044749 05-20-2009		61/054,777 05-20-2008	Normal	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Inactive
52452-20028.41	AU Australian	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	2009249071 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Abandoned
52452-20028.42	BR Brazilian	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	PI09128204 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Abandoned
52452-20028.43	CA Canadian	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	2724788 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Filed
52452-20028.44	CN Chinese	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	2009801282 430 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Abandoned
52452-	IN	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	9026DELNP		PCT/US20	PCT	NAWEED	NeurogesX	Abandoned

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
20028.47	Indian	ECTANT ACETAMINOPHEN MUTUAL PRODRUGS	2010 05-20-2009		09/044749 05-20-2009	National Phase	MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS		
52452-20028.48	JP Japanese	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	2011510694 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Filed
52452-20028.49	KR South Korean	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	1020107028 511 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Filed
52452-20028.50	MX Mexican	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	MXa201001 2647 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Filed
52452-20028.51	NZ New Zealand	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	589358 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Abandoned
52452-20028.53	SG Singaporean	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	2010085009 05-20-2009		PCT/US20 09/044749 05-20-2009	PCT National Phase	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Abandoned
52452-20028.54	HK Hong Kong	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	121012938 05-20-2009		200980128 2430 05-20-2009	Re-registratio n of Foreign Registrati on	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Abandoned
52452-20029.00	US United States	ACETAMINOPHEN CONJUGATES , COMPOSITIO NS AND METHODS OF USE				Normal	KEITH R. BLEY BERND JANDELEIT	NeurogesX	Docketed

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
52452-20029.40	PCT International (PCT)	THEREOF ACETAMINOPHEN CONJUGATES , COMPOSITIONS AND METHODS OF USE THEREOF	PCT/US2012/056625 09-21-2012			Normal	KEITH R. BLEY BERND JANDELEIT	NeurogesX	Filed
52452-30001.00	US United States	PROPHYLACTIC DEVICE				Provisional	K. R. BLEY A. L. WILCOX A. ANGEL L. LITLE	NeurogesX	Inactive
52452-30002.00	US United States	FREE-BASE FORMULATIONS OF LOCAL ANESTHETICS	60/364,761 03-12-2002			Provisional	KEITH R. BLEY ALLAN L. WILCOX ANNIKA B. MALMBERG	NeurogesX	Inactive
52452-30002.20	US United States	FREE-BASE FORMULATIONS OF LOCAL ANESTHETICS	60/425,212 11-07-2002			Provisional	KEITH R. BLEY ALLAN L. WILCOX ANNIKA B. MALMBERG GENE C. JAMIESON NAWEED MUHAMMAD WENDYE R. ROBBINS	NeurogesX	Inactive
52452-30003.00	US United States	CAGED CAPSAICIN				Provisional	K. R. BLEY A. L. WILCOX	NeurogesX	Inactive
52452-30004.00	US United States	USE OF VR1 RECEPTOR AGONISTS IN PREVENTION OF OPIOID ABUSE	60/353,935 01-31-2002			Provisional	K. R. BLEY	NeurogesX	Inactive
52452-30005.00	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURF	60/408,751 09-05-2002			Provisional	ARTURO ANGEL LARRY LITLE KEITH R. BLEY ALLAN L. WILCOX	NeurogesX	Inactive

MoFo Docket# Client Ref #	Country	Title	App # Filing Date	Patent # Grant Date	Parent # Filing Date	Category	Inventor(s)	Owner	Status
		ACES							
52452-30005.20	US United States	COMPOSITIONS AND KITS FOR THE REMOVAL OF IRRITATING COMPOUNDS FROM BODILYSURFACES	60/410,616 09-13-2002			Provisional	ARTURO ANGEL LARRY LITTLE KEITH R. BLEY ALLAN L. WILCOX	NeurogesX	Inactive
52452-30011.00	US United States	MENTHOL TREATMENT OF PAIN				Provisional		NeurogesX	Inactive
52452-30012.00	US United States	INTRAPULMONARY ADMINISTRATION OF DRUG				Provisional	GENE C. JAMIESON NAWEED MUHAMMAD KEITH BLEY	NeurogesX	Inactive
52452-30013.00	US United States	METHOD AND COMPOSITIONS FOR ADMINISTRATION OF CAPSAICIN AND OTHER VR1 RECEPTORAGONISTS	60/462,040 04-10-2003			Provisional	KEITH BLEY GENE C. JAMIESON NAWEED MUHAMMAD SANJAY CHANDA	NeurogesX	Inactive
52452-30013.01	US United States	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF CAPSAICIN AND OTHERVR1 RECEPTORAGONISTS	60/499,062 08-29-2003		60/462,040 04-10-2003	Provisional	KEITH R. BLEY GENE C. JAMIESON NAWEED MUHAMMAD SANJAY CHANDA	NeurogesX	Inactive
52452-30013.02	US United States	THERAPEUTIC ADMINISTRATION OF CAPSAICIN AND OTHER VR1 RECEPTORAGONISTS				Provisional	KEITH BLEY GENE C. JAMIESON NAWEED MUHAMMAD SANJAY CHANDA	NeurogesX	Inactive

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52452-30014.00	US United States	METHODS AND COMPOSITIONS FOR ADMINISTRATION OF LOCAL ANESTHETICS AND OTHER THERAPEUTICALLY ACTIVE AGENTS	60/462,457 04-10-2003			Provisional	KEITH BLEY SANJAY CHANDA GENE C. JAMIESON NAWEED MUHAMMAD	NeurogesX	Inactive
52452-30015.00	US United States	EMULSION ADMINISTRATION OF THERAPEUTICALLY ACTIVE AGENTS				Provisional	KEITH BLEY GENE C. JAMIESON NAWEED MUHAMMAD	NeurogesX	Inactive
52452-30016.00	US United States	SYNTHESIS METHOD FOR TRANS-CAPSAICIN				Provisional	JIE LI GENE C. JAMIESON NAWEED MUHAMMAD	NeurogesX	Inactive
52452-30017.00	US United States	LOW CONCENTRATION CAPSAICIN PATCH AND METHODS FOR TREATING NEUROPATHIC PAIN	60/666,880 03-30-2005			Provisional	THORSTEN VON STEIN	NeurogesX	Inactive
52452-30018.00	US United States	TRPV1 AGONIST COMPOUNDS AND METHODS FOR USING THE SAME	60/675,027 04-25-2005			Provisional	GENE CURTIS JAMIESON	NeurogesX	Inactive
52452-30019.00	US United States	CAPSAICIN OILS AND METHODS OF MAKING AND USING THE SAME	60/667,546 04-01-2005			Provisional	GENE CURTIS JAMIESON	NeurogesX	Inactive
52452-	US	RECONSTITU				Provisional	NAWEED	NeurogesX	Inactive

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30020.00	United States	TED LIQUID RESERVOIR PATCH				al	MUHAMMAD		
52452-30021.00	US United States	CLEANSING GEL AS AN ANTIBIOTIC				Provisional	GENE C. JAMIESON	NeurogesX	Inactive
52452-30022.00	US United States	DRUG DELIVERY DEVICE	60/652,923 02-14-2005			Provisional	GENE CURTIS JAMIESON	NeurogesX	Inactive
52452-30024.00	US United States	OPIOID PRODRUGS AND METHODS OF MAKING AND USING THE SAME	60/873,519 12-05-2006			Provisional	NAWEED MUHAMMAD KEITH BLEY	NeurogesX	Inactive
52452-30025.00	US United States	CAPSAICIN FORMULATIONS FOR THE TREATMENT OF PAIN	60/576,372 06-02-2004			Provisional	MANOJ MANIAR	NeurogesX	Inactive
52452-30026.00	US United States	WATER-SOLUBLE ACETAMINOPHEN ANALOGS	61/054,774 05-20-2008			Provisional	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-30027.00	US United States	CARBONATE PRODRUGS AND METHODS OF USING THE SAME	61/054,765 05-20-2008			Provisional	NAWEED MUHAMMAD KEITH R. BLEY	NeurogesX	Inactive
52452-30028.00	US United States	HEPATOPROTECTANT ACETAMINOPHEN MUTUAL PRODRUGS	61/054,777 05-20-2008			Provisional	NAWEED MUHAMMAD KEITH R. BLEY JEFFREY TOBIAS	NeurogesX	Inactive
52452-30029.00	US United States	ACETAMINOPHEN CONJUGATES, COMPOSITIONS AND METHODS OF USE THEREOF	61/538,075 09-22-2011			Provisional	KEITH R. BLEY BERND JANDELEIT	NeurogesX	Inactive