

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5946212

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID J. ELLIS	05/02/2005
GEORGE P. MILJANICH	04/29/2005
DAVID E. SHIELDS	05/03/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ELAN PHARMACEUTICALS
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<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94080
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16402145
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)359-9000
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<b>Phone:</b>	2063598000
<b>Email:</b>	patentprocurement@perkinscoie.com
<b>Correspondent Name:</b>	PERKINS COIE LLP- PAO GENERAL
<b>Address Line 1:</b>	P.O. BOX 1247
<b>Address Line 2:</b>	PATENT PROCUREMENT
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98111-1247
<b>ATTORNEY DOCKET NUMBER:</b>	132192-8002.US14
<b>NAME OF SUBMITTER:</b>	VIOLA T. KUNG
<b>SIGNATURE:</b>	/Viola T. Kung/
<b>DATE SIGNED:</b>	02/04/2020
<b>Total Attachments: 5</b>	
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## **ASSIGNMENT**

WHEREAS, we, **David J. ELLIS, George P. MILJANICH, and David E. SHIELDS**, being citizens of the United States of America, residing at **236 Alicia Way, Los Altos, California 94022, 600 Castle Hill Road, Redwood City, California 94061, and 15773 Via Corta, San Lorenzo, California 94580**, respectively, have made new and useful improvements in entitled **Method of Reducing Pain**, for which an application for Letters Patent of the United States was filed on **October 01, 2004** as Application No. **10/956,252**.

WHEREAS, **ELAN PHARMACEUTICALS**, having a place of business at **800 Gateway Boulevard, South San Francisco, California 94080**, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

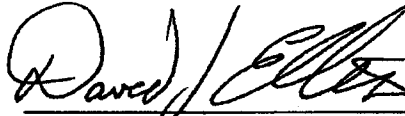
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 2<sup>nd</sup> day of

MAY, 2005.

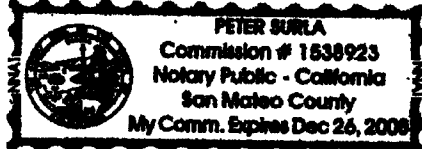
  
David J. ELLIS 2-MAY-2005

STATE OF

COUNTY OF

On this 2<sup>nd</sup> day of MAY, 2005, before me personally appeared David J. ELLIS, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)




  
NOTARY PUBLIC

My Commission Expires: DECEMBER 26, 2008

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 29<sup>th</sup> day of

APRIL, 2005.

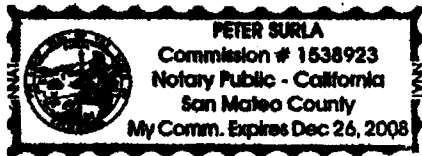
 4-29-05  
George P. MILJANICH

STATE OF CALIFORNIA

COUNTY OF SAN MATEO

On this 29<sup>th</sup> day of APRIL, 2005, before me personally appeared **George P. MILJANICH**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)



  
NOTARY PUBLIC

My Commission Expires: DECEMBER 26, 2008

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 3<sup>rd</sup> day of

MAY, 2005.

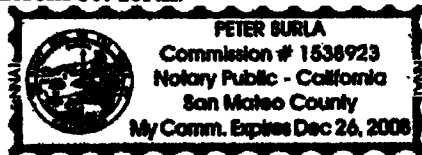
  
David E. SHIELDS

STATE OF

COUNTY OF

On this 3<sup>rd</sup> day of MAY, 2005, before me personally appeared **David E. SHIELDS**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)



  
NOTARY PUBLIC

My Commission Expires: DECEMBER 26, 2008