

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
H. William BOSCH	04/05/2006
Greta G. CARY	04/06/2006
Douglas C. HOVEY	06/23/2009
Rajeev A. JAIN	05/01/2006
Laura J. KLINE	05/02/2006
Elaine Merisko-LIVERSIDGE	04/06/2006
Kevin D. OSTRANDER	05/04/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ELAN PHARMA INTERNATIONAL LTD.
<b>Street Address:</b>	Monksland
<b>Internal Address:</b>	County Westmeath
<b>City:</b>	Athlone
<b>State/Country:</b>	IRELAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11275069
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)672-5399
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	202-672-5300
<b>Email:</b>	swalker@foley.com
<b>Correspondent Name:</b>	Michele M. Simkin
<b>Address Line 1:</b>	Foley & Lardner LLP
<b>Address Line 2:</b>	3000 K Street, NW, Suite 600
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20007
<b>ATTORNEY DOCKET NUMBER:</b>	029318-1134

OP \$40.00 11275069

**500894280**

**PATENT**  
**REEL: 022869 FRAME: 0024**

NAME OF SUBMITTER:

Michele M. Simkin

**Total Attachments: 24**

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Elan Pharma International Ltd.  
Monksland  
Athlone  
County Westmeath  
Ireland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

**NANOPARTICULATE COMPOSITIONS OF MITOGEN-ACTIVATED PROTEIN (MAP) KINASE INHIBITORS**

as set forth in this United States Patent Application

*Check one*       executed concurrently herewith  
 executed on \_\_\_\_\_  
 Serial No. 11/275,069 Filed 12/07/2005  
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

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**NAME AND SIGNATURE OF INVENTOR**

NAME: H. WILLIAM BOSCH      SIGNATURE: H. William Bosch      DATE: 4/15/06

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_  
NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: GRETA G. CARY      SIGNATURE: Greta G Cary      DATE: 4/16/06

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_  
NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: DOUGLAS C. HOVEY      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

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**NAME AND SIGNATURE OF INVENTOR**

NAME: RAJEEV A. JAIN      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

NAME: LAURA J. KLINE      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

NAME: ELAINE MERISKO-LIVERSIDGE SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_  
\_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

NAME: KEVIN D. OSTRANDER SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

NAME: DOUGLAS C. HOVEY SIGNATURE:  DATE: 23 JUNE 2009

**NAME AND SIGNATURE OF WITNESSES**

NAME: Stephen J. Tucker SIGNATURE:  DATE: 23 JUN 2009

NAME: JANICE A. BRYSON SIGNATURE:  DATE: 23 JUNE 2009

**NAME AND SIGNATURE OF INVENTOR**

NAME: RAJEEV A. JAIN SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

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NAME: DOUGLAS C. HOVEY      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

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**NAME AND SIGNATURE OF INVENTOR**

NAME: RAJEEV A. JAIN      SIGNATURE: Rajeev Jain      DATE: 01 MAY 06

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**NAME AND SIGNATURE OF INVENTOR**

NAME: LAURA J. KLINE      SIGNATURE: Laura J. Kline      DATE: 05/02/06

**NAME AND SIGNATURE OF WITNESSES**

NAME: Theodora Stern      SIGNATURE: Theodora Stern      DATE: 5/02/06

NAME: Richard J. Farina      SIGNATURE: Richard J. Farina      DATE: 5/02/06

**NAME AND SIGNATURE OF INVENTOR**

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Ireland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

**NANOPARTICULATE COMPOSITIONS OF MITOGEN-ACTIVATED PROTEIN (MAP) KINASE INHIBITORS**

as set forth in this United States Patent Application

*Check one*       executed concurrently herewith  
 executed on \_\_\_\_\_  
 Serial No. 11/275,069    Filed 12/07/2005  
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by

ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

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**NAME AND SIGNATURE OF INVENTOR**

NAME: H. WILLIAM BOSCH      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: GRETA G. CARY      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: DOUGLAS C. HOVEY      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: RAJEEV A. JAIN      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: LAURA J. KLINE      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: ELAINE MERISKO-LIVERSIDGE      SIGNATURE:       DATE: 4/6/6

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: KEVIN D. OSTRANDER SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Elan Pharma International Ltd.  
Monksland  
Athlone  
County Westmeath  
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\_\_\_\_\_

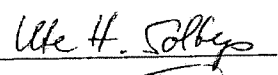
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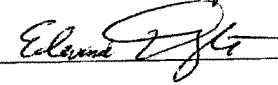
NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: KEVIN D. OSTRANDER SIGNATURE:  DATE: 4-MAY 2006

**NAME AND SIGNATURE OF WITNESSES**

NAME: Ute H. Soltys SIGNATURE:  DATE: 5/4/06

NAME: EDWARD TYKOT SIGNATURE:  DATE: 5/4/06