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(Rev 6-93)		RECORDATION FOR	RM COVER SHEET	Patent and Trademark Office	
		PATENTS ONLY			
	To the Director of the U		Please record the attached original documents or	copies thereof.	
-	Name of conveying		2. Name and address of receiving party(ies		
١.	(vaine or conveying)	arty(les).	2, 142,162,172,172	,	
	Andrei W. KONF	:			
	Michael A. PLEI	1	Et Di		
	Eugene D. THO		Elan Pharmaceuticals, Inc. 800 Gateway Boulevard		
	Darren B. DRES	i l	South San Francisco, California	94080	
	Francine S. GR				
	Christopher M.	SENIKO			
	Ying-Zî XU				
	Additional conveying pa	Irty(ies) NO			
3.	Nature of conveyant	e :			
		SSIGNMENT			
	Execution Date:	2005, 8/16/2005, 8/25/2005,	 Additional name(s) & address(es) attached	? NO	
	8/26/2005, 8/18/	2005, 8/29/2005, 6/25/2005, 2005, 8/29/2005 respectively	, Additional hameter & desired state and		
4.	Application number(s) or patent number(s):			
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	A. Patent App	lication Number(s):	B. Patent Number(s):		
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5.	Name and address concerning documer	of party to whom correspondence	6. Total number of applications/patents inv	olveď: 1	
	concerning accumen	Canada be manou.	7. Total fee (37 C.F.R. § 3.41):	\$40.00	
	Stephen Tod	d			
	FOLEY & LA		Check Enclosed		
	1530 Page M	ill Road	X Charge to deposit account		
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9	Statement and sign	ature:		.hd ! !-	
	To the best of	ny knowledge and belief, the foregoing	n information is true and correct and any attac nuthorized to charge any additional recordatio	ened copy is a true on fees which may	
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Atty. Dkt. No. 342837-1553 Application Serial No. 10/748,089

ASSIGNMENT - WORLDWIDE

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 Pharmaceuticals, Inc. 800 Gateway Boulevard South San Francisco, California 94080

(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, and all foreign countries in and to this in rention relating to

HETEI OARYL, HETEROCYCLIC AND ARYL COMPOUNDS WHICH INHIBIT LEUKOCYTE ADHESION MEDIATED BY VLA-4

as set	forth	in t	his	United St	tates Pa	tent App	olication	
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			įχ	Serial N	Vo. 10/7	748,089	Filed 12/29	9/2003

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 and countries foreign thereto 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 and countries foreign thereto, (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 ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

025.17960.1

Page I of 3

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademaiks 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 burposes 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 or a country foreign thereto; (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 a 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 **Folcy & 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.

ASSI GNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 16 day of August, 2005.

Executed this \(\frac{1}{\mathcal{V}_6} \) day of August, 2005.

MICHAEL A. PLEISS

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Page 2 of 3

Executed this		day of August, 2005.	EVGENE D. THORSETT
Executed this	25	day of August, 2005.	DARREN B. DRESSEN
Executed this		day of August, 2005.	FRANCINE S. GRANT /
Executed this	18	day of August, 2005.	CHRISTOPHER SEMKO
Executed this	29	day of August, 2005.	YING-ZI KU
State of		SUBSTITUTE OF STREET	•
County of _			
On		before me,	Name of Notary Public
Personally ar	peared		
			Name(s) of Signer(s)
		☐ personally known t	
		☐ proved to me on th	e basis of satisfactory evidence
		to be the person(s) who	ose name(s) is/are subscribed to the within
		``	vicinged to me that he/she/they executed the same in
			d capacity(ies), and that by his/her/their signature(s) erson(s), or the entity upon behalf of which the
		person(s) acted, execut	ed the instrument.
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On <u>AU</u>	7005 16, 2005	, before me, <u>Peter Surla, Notary Public</u>
Personally	appeared Andrei K	
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	PETER SURLA Commission # 1538923 Notary Public - California \$\frac{\xi}{2}\$ San Mateo County Comm. Expires Dec 26, 2008	to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
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		Signature of Notary Public Peter Surla State of California Commission No. 1538923 My commission expires: December 26, 2008
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PATENT

REEL: 016842 FRAME: 0771

State of (ali	ornia
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On AV	אל אפלסיב me, <u>Peter Surla, Notary Public</u>
Personally a	peared <u>Darren Dressen</u> Name of Signer
	 personally known to me proved to me on the basis of satisfactory evidence
Comn No ary san	to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.
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	Signature of Notary Public Peter Surla State of California Commission No. 1538923 My commission expires: December 26, 2008
Title or Type o	Document: ASSIGNMENT - WORLOWIDE
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PATENT

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State of California	
County of San Mateo	
On AUGUST 15, 200	, before me, <u>Peter Surla, Notary Public</u>
Personally appearedC1	nristopher Semko Name of Signer
	personally known to me
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PETER SURLA Commission # 1538923 Flotary Public - California San Mateo County My Comm. Expires Dec 26, 2008	to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.
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State of California	
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On 720-124 no	, before me, <u>Peter Surla, Notary Public</u>
Personally appearedYing-Zi Xu	
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PETER SURIA Commission # 1538923 Netary Public - California San Mateo County My Comm. Expires Dec 26, 2008	personally known to me proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me she executed the same in her authorized capacity, and that by 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 of Notary Public Peter Surla State of California Commission No. 1538923 My commission expires: December 26, 2008
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PATENT

REEL: 016842 FRAME: 0774

Atty. Dkt. No. 342837-1553 Application Serial No. 10/748,089

ASSIGNMENT - WORLDWIDE

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Elan Pharmaceuticals, Inc. 800 Gateway Boulevard South San Francisco, California 94080

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HETEROARYL, HETEROCYCLIC AND ARYL COMPOUNDS WHICH INHIBIT LEUKOCYTE ADHESION MEDIATED BY VLA-4

as set forth	in this United States Patent Application
check one	[] executed concurrently herewith, [] executed on [X] Serial No. 10/748,089 Filed 12/29/2003

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 and countries foreign thereto 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 and countries foreign thereto, (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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Page 1 of 3

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Executed this day of August, 2005.	ANDREI W. KONRADI
Executed this day of August, 2005.	MICHAEL A. PLEISS

025.17960.1

Page 2 of 3

Atty. Dkt. No. 342837-1553 Application Serial No. 10/748,089

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Executed this	/6 day of August, 2005.	EXGENE D. THORSETT	
Executed this	day of August, 2005.	DARREN B. DRESSEN	
Executed this	day of August, 2005.	FRANCINE S. GRANT	·····
Executed this	day of August, 2005.	CHRISTOPHER SEMKO	1
Executed this	day of August, 2005.	YING-ZI XU	
State of			
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	July (141)	Notary Public	O NOTARY TO PUBLIC
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ASSIGNMENT - WORLDWIDE

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as set forth	in this United States Patent App	lication	
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Executed this day of August, 2005.	
	ANDREI W. KONRADI
Executed this day of August, 2005.	MICHAEL A DI DICC
	MICHAEL A. PLEISS

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Executed th	is day of August, 2005.	EUGENE D. THORSETT			
Executed th	is day of August, 2005.	DARREN B. DRESSEN			
Executed th	is <u>26</u> day of August, 2005.	FRANCINE S. GRANT			
Executed th	is day of August, 2005.	CHRISTOPHER SEMKO			
Executed th	is day of August, 2005.	YING-ZI XU			
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On <u>21</u>	o ally. 2015 before me, LOVY	Ja Lay (OCK) Name of Notary Public			
Personally appeared FYANCINE FAVORZ Name(s) of Signer(s)					
personally known to me 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.					
	WITNESS my hand and offici	al seal.			
	Signature of Fotary Po	NOTARI POR TOLO 105 14 10 10 10 10 10 10 10 10 10 10 10 10 10			
025.17960,1	Page 3 of	3			

PATENT REEL: 016842 FRAME: 0780

RECORDED: 09/27/2005