___01-04-2002

0102.02	HEET 1934709 ————————————————————————————————————				
	arks: Please record the attached original documents or copy thereof.				
Name of conveying party(ies) Joseph Gross Zvika Nitzan	Name and address of receiving party(ies) Name:Elan Pharma International Limited Internal Address:				
Additional name(s) of conveying party(ies) attached? [] Yes [X] No					
Nature of conveyance: [X] Assignment [] Merger	Street Address: Shannon Business Park				
[] Security Agreement [] Change of Name	City: Shannon Claire State: Ireland ZIP: County				
Execution Date: 10-01-01	Additional name(s) & address(es) attached? [] Yes [X] No				
 Application number(s) or patent number(s): If this document is being filed together with a new application, A. Patent Application No.(s) 09/239,934 	B. Patent No.(s) JAN - 2 7000				
Additional numbers attached? [] Yes [X] No					
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: [1]				
Name: Robert T. Conway Internal Address: Hamilton, Brook, Smith & Reynolds, P.C.	7. Total Fee (37 C.F.R. 3.41)\$ 40.00 [X] Enclosed [X] Authorized to charge any deficiencies or credit any overpayment to deposit account [] Authorized to be charged to deposit account				
Street Address: 530 Virginia Road, P.O. Box 9133	8. Deposit account number: 08-0380				
City: Concord State: MA ZIP: 01742-9133	(Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information document.	ation is true and correct and any attached copy is a true copy of the original				

Jeffrey J. Duquette

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Total number of pages including cover sheet, attachments, and document:

[4]

Date

Docket No.: 2580.1002-000

Docket No.: 2580.1002-000

Joint

ASSIGNMENT

WHEREAS, we, Joseph Gross and Zvika Nitzan have invented a certain improvement in DRUG DELIVERY DEVICE described in an application for Letters Patent of the United States, the specification of which:

11	is being executed on even date herewith and is about States Patent Office;	ut to be filed in the United
[X]	was filed on January 29, 1999 as Application No.	09/239,934 ;
[]	was patented under U.S. Patent No.	_on

WHEREAS, Elan Pharma International Limited (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Claire County, Ireland, and having a usual place of business at WIL House, Shannon Business Park, Shannon Claire County, Ireland desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal represenratives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

PATENT REEL: 012409 FRAME: 0606 AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor Joseph Gross	Date Oct. 1, 200,
Address Moshav Mazor, House No. 205	
Israel 73160	
Witness 3 Ahm on Address 23 Nili St.	Date 1-10-2001
Rohovot, Ishael	
Witness GRIVER AITHMA Address 29 Gordon St.	Date 1-10-2001
Rehovot Ishael	

PATENT REEL: 012409 FRAME: 0607

	Inventor	Zvika Nitzah	Date 01. October	200
	Address	37 Brande Street		
		Petah-Tikva, Israel 49600		
		Abrahagan	Date 1-10-2061	
		ill St.	***************************************	
	Rehov	ot Islae		
Witness Address	<u> </u>	ordon St. of, Ishael	Date 1-16- 5001	
	Rehor	ot, Ishael		

..ОРМАМВОРМАЛМАНЦЕ,2578иц.;

RECORDED: 01/02/2002

PATENT REEL: 012409 FRAME: 0608