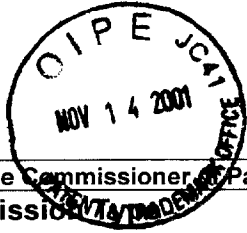


11-19-2001



RE:

101897105  
**PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

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**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

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Name (line 1)  Execution Date   
Month Day Year

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**Receiving Party**  Mark if additional names of receiving parties attached

Name (line 1)   If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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11/16/2001 0000027 4822777  
01 FC:581 120.00 CP

**Correspondent Name and Address**      **Area Code and Telephone Number**      **(650) 843-5000**

**Name** **Cooley Godward LLP**

**Address (line 1)** **Five Palo Alto Square**

**Address (line 2)** **3000 El Camino Real**

**Address (line 3)**

**Address (line 4)** **Palo Alto, California 94306-2155**

**Pages**      Enter total number of pages of the attached conveyance document including any attachments.      # **2**

**Application Number(s) or Patent Number(s)**       Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>4,822,777</b>	<b>5,032,582</b>	<b>5,194,266</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.      Month      Day      Year

**Patent Cooperation Treaty (PCT)**  
Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**      Enter the total number of properties involved.      # **3**

**Fee Amount**      Fee Amount for Properties Listed (37 CFR 3.41):      \$ **120**

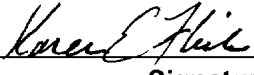
**Method of Payment:**  
Deposit Account      Enclosed       Deposit Account   
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:      # **03-3117**

Authorization to charge additional fees:      Yes       No

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Karen E. Flick, Reg. # 44,111            November 13, 2001

**Name of Person Signing**      **Signature**      **Date**

PATENT ASSIGNMENT

This patent Assignment (the "Assignment") is made this 5th day of January, 2001 between ALZA Corporation ("ALZA") a Delaware corporation, and InterMune Pharmaceuticals, Inc. ("InterMune"), a Delaware corporation.

RECITALS

A. In the AMPHOTEC®/AMPHOCIL® Product Acquisition Agreement effective January 2, 2001 between ALZA and InterMune, ALZA agreed to sell all of its rights in the product, including the patent rights, to InterMune ("Agreement").

TERMS

1. Pursuant to Section 2.1(a)(iii) of the Agreement, and subject to the terms and conditions of the Agreement, with respect to the list on Schedule 2 of the Agreement, ALZA hereby sells, transfers, delivers and assigns to InterMune, and InterMune accepts all of ALZA's right, title and interest in and to granted, issued, and pending patent applications, and any and all letters patent or patents in the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of the applications, letters patent or patents or reissues or extensions of the letters patent or patents (collectively, the "Patents"), and all rights in and unto the Patents under the Paris Convention for the Protection of Industrial Property.

2. Section 6.1 of the Agreement sets forth each and all of ALZA's representations and warranties and, except as set forth expressly therein, the Patents are transferred to InterMune without any implied warranty, on an as-is basis, subject only to the express terms and provisions of the Agreement. ALZA will not execute any agreements inconsistent with this assignment or to the detriment of the Patents, applications and inventions being assigned hereby.

3. This Assignment may be executed in two counterparts, each of which shall be an original as against any party whose signature appears thereon but both of which together shall constitute one and the same instrument. A facsimile transmission of the signed Assignment shall be legal and binding on both parties.

IN WITNESS WHEREOF, the parties, through their authorized officers, have duly executed this Assignment as of the date written below.

INTERMUNE PHARMACEUTICALS,  
INC.

ALZA CORPORATION

By: *John J. Watt*

By: *Peter D. Staple*

Title: *Sr. Vice President of Corporate Development*  
Print Name: *John J. Watt*  
Date: *1/5/01*

Title: *Executive VP*  
Print Name: *Peter D. Staple*  
Date: *1/5/01*

**Schedule 2 - Patents**

Country	Status	Application No.	Filing Date	Patent No.	Issue Date	Expiration Date
Austria	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Belgium	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Canada	Granted	560142	29-Feb-1988	1336890	05-Sep-1995	5-Sep-2012
Switzerland	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Germany	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Denmark	Pending	598388	26-Feb-1988			
European Patent Office	Gone Nat'l	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
France	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
United Kingdom	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Hong Kong	Granted		26-Feb-1988	805/96	09-May-1996	
Italy	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Japan	Granted	63502859	26-Feb-1988	1885760	22-Nov-1994	26-Feb-2008
Luxembourg	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Netherlands	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Sweden	Granted	889027173	26-Feb-1988	0303683	23-Apr-1993	26-Feb-2008
Singapore	Granted		26-Feb-1988	P9690819.9	15-Jun-1996	26-Feb-2008
United States of America	Granted	019,575	27-Feb-1987	4822777	18-Apr-1989	27-Feb-2007
United States of America	Granted		8-Mar-1989	5032582	16-Jul-1999	8-Mar-2009
United States of America	Granted	812,075	19-Dec-1991	5194266	16-Mar-1993	11-Dec-2011