PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Synergy Pharmaceuticals Inc.	03/21/2003

RECEIVING PARTY DATA

Name:	United Therapeutics Corporation	
Street Address:	1110 Spring Street	
City:	Silver Spring	
State/Country:	MARYLAND	
Postal Code:	20910	

PROPERTY NUMBERS Total: 5

Property Type	Number	
Application Number:	10031145	
Application Number:	10244628	
Application Number:	09959273	
Patent Number:	6465487	
Patent Number:	6465488	

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: PTOMailWashington@foley.com

Correspondent Name: Stephen B. Maebius Address Line 1: Foley & Lardner LLP

Address Line 2: 3000 K Street, NW, Suite 500

Address Line 4: Washington, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER:	080618-0101	
NAME OF SUBMITTER:	Stephen B. Maebius	PATENT

500397024 REEL: 020098 FRAME: 0696

Total Attachments: 2

source=080618-0101 Synergy to United Therapeutics Corporation Assignment#page1.tif source=080618-0101 Synergy to United Therapeutics Corporation Assignment#page2.tif

PATENT REEL: 020098 FRAME: 0697

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned company:

Synergy Pharmaceuticals Inc.

having a place of business at

2 Executive Drive, Suite 450 Somerset, NJ 08873

owner of certain rights in the United States of America and its territories and possessions to the below listed U.S. patent application, as evidenced in an Assignment record in the U.S. Patent and Trademark Office, by these presents hereby sells and assigns, unto:

United Therapeutics Corporation

having an address at

1110 Spring Street Silver Springs, Maryland 20910

(hereinafter ASSIGNEE) the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention(s) in and to the invention and patent therefor, identified as follows:

U.S. Application No. 10/031,145		
U.S. Application No. 10/244,628		
U.S. Application No. 09/959,273		
U.S. Patent No. 6,465,487		
U.S. Patent No. 6,465,488		

including any reissue and extensions of Letters Patent granted for said inventions; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or their right heretofore given, such that the Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made.

PATENT

REEL: 020098 FRAME: 0698

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The undersigned hereby grants the firm of FOLEY & LARDNER the power 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.

SYNERGY PHARMACEUTICALS INC.

Date: March 21, 2003

Name: Donald 14 Picker

Title: CEO

Date: March 21, 2003

WITNESS.

Date: March 21, 2003

WITNESS:

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a notary public (in the U.S.) or before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by certificate from a U.S. Consul (in other countries).

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