| PATENT RECORDATION FORM COVER SHEET  |   |
|--|---|
| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.  |   |
| 1. Name of conveying party(ies): 7.46 00  Wen-Lung Yeh   | 2. Name and address of receiving party(ies):  |
| Michael Joseph Roth  | Name: Shire US Inc.   |
| Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No  | Street Address: 7900 Tanners Gate Drive Suite 200   |
| 3. Nature of Conveyance:  [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name  | City: Florence State: KY  Zip Code: 41042   |
| [ ] Other  | 101444786<br>Additional Name(s) & Auuress(es) attached?   |
| Execution Date: July 21, 2000  | [ ] Yes [ <b>X</b> ] No   |
| <ul> <li>4. Application number(s) or patent number(s):</li></ul>   | new application, the execution date of the  |
| 5. Name and address of party whom correspondence concerning document should be mailed:  Name: <u>DeLIO &amp; PETERSON, LLC</u> Street Address: <b>121 Whitney Avenue</b> | 6. Total number of applications and patents involved:   |
|  | 8. [X] Authorized to charge Deposit Account Number <b>04-0566</b> for any over or under payment  E THIS SPACE |
| 9. Statement and Signature. To the best of my knowledge and belief, the foregoin attached copy is a true copy of the original document                                   |   |

John J. Tomaszewski

Name of Person Signing

Signature Date

Reg. No. 26,241

Total number of pages including cover sheet, attachments, and document: [4]

CERTIFICATE OF MAILING UNDER 37 CFR 1.10 I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, as "Express Mail Post Office to Addressee" Mailing Label No.

on <u>July 26, 2000</u> Carol M. Thomas

Name of person mailing paper
Signature Law In Musa

Date: \_\_\_\_\_July 26, 2000

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## **ASSIGNMENT**

WHEREAS, we, Wen-Lung Yeh and Michael Joseph Roth, who reside respectively at 120 Chelwood Drive, Thornhill, Ontario, Canada L4J 7H6; and 44 Schaefer Place, Bolton, Ontario, Canada L7E 1W3 have certain interests and rights in and to inventions and discoveries set forth in an application for Letters Patent of the United States of America entitled "METHOD FOR THE MANUFACTURE OF ANAGRELIDE", which application was executed by us on the Alay of July 2000, and is identified by DeLIO & PETERSON, LLC Docket No. ROB 100010000.

WHEREAS, Shire US Inc., a New Jersey corporation, whose address is 7900 Tanners Gate Drive, Suite 200, Florence, KY 41042 USA, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights and benefits and privileges hereinafter recited:

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, the receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
- 3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or it, all acts reasonably serving to assure that said inventions and discoveries, said

PATENT REEL: 011021 FRAME: 0788 patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions. specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof, and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have signed our name below, this  $\frac{1}{2}$  day of

RECORDED: 07/26/2000

Wen-Lung Yeh

Med Tuly 21, 2000

Michael Joseph Roth

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**PATENT** REEL: 011021 FRAME: 0789