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Case Docket No. 991236

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Toshifumi ASAKA, Masato KASHIMURA, Tomohiro SUGIMOTO, Tetsuya TANIKAWA, Takaaki ISHII and Akiko MATSUURA

Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):

Name: TAISHO PHARMACEUTICAL CO., LTD.

Street Address: 24-1, Takata-3-chome, Toshima-ku,

Tokyo, Japan

Additional name(s) & address(es) attached? NO

09/403877

3. Nature of conveyance: Assignment

Execution Date: October 13, 1999

4. Title: ERYTHROMYCIN A DERIVATIVES

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: October 13, 1999

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? NO

PATENT REEL: 010606 FRAME: 0370

6. Name and address of party to whom correspondence concerning document should be mailed: Name: Armstrong, Westerman, Hattori, McLeland & Naughton **Suite 1000** 1725 K Street, N.W. Washington, D.C. 20006 7. Total number of applications and patents involved: 1 XX Check enclosed 9. Deposit Account No.: <u>01-2340</u> 10. 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. This Whelen Date October 28, 1999 Le-Nhung McLeland Reg. No.: 31,541 Total number of pages including cover sheet: 3

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PATENT REEL: 010606 FRAME: 0371

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Toshifumi ASAKA, Masato KASHIMURA, Tomohiro SUGIMOTO, Tetsuya TANIKAWA, Takaaki ISHII, and Akiko MATSUURA,

citizens of Japan by Taisho Pharmaceutical Co., Ltd., a corporation organized under the laws of Japan,

located at 24-1, Takata-3-chome, Toshima-ku, Tokyo, Japan,

receipt of which is hereby acknowledged, we, the said Toshifumi ASAKA, Masato KASHIMURA, Tomohiro SUGIMOTO, Tetsuya TANIKAWA, Takaaki ISHII, and Akiko MATSUURA,

do hereby sell and assign to said Taisho Pharmaceutical Co., Ltd.,

theix successors and assigns, all our right, title and interest, in and for the United States of America, in and to "ERYTHROMYCIN A DERIVATIVES"

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith,

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extentions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Taisho Pharmaceutical Co., Ltd.,

theix Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extention, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Taisho Pharmaceutical Co., Ltd.

Signed on the dates indicated aside our signatures:

RECORDED: 10/28/1999

INVENTORS	Date Signed	Witnesses
(発明者フルネームサイン)	(署名日)	(立会人サイン)
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3) Tomohiro Sugimoto	October 13, 1999	Keika Virish
(Tomohiro SUGIMOTO		
4) <u>Setsuya Jarikawa</u> (Tetsuya TANIKAWA)	October 13, 1999	Keiko Virish
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5) Takaaki Ishii	October 13, 1999	Keels Viviel
(Takaaki ISHII)		
6) Akiko Matsuura	October 13, 1999	Keibo Virish
(Akiko MATSUURA)		
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PATENT

REEL: 010606 FRAME: 0372