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To the Honorable Commissioner of P

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Attached original documents or copy thereof.

1. Name of conveying party(ies): Toshi fumi ASAKA, Masato KASHIMURA, Akiko MATSUURA, Tomohiro SUGIMOTO, Tetsuya TANIKAWA and Takaaki ISHII

2. Name and address of receiving party(ies)

Name: TAISHO PHARMACEUTICAL CO., LTD.

Internal Address:

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- XX Assignment  Merger  Security Agreement  Change of Name  Other

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

City: State: ZIP:

Execution Date: April 13, 1999

Additional name(s) & address(es) attached?  Yes  No

4. 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: 4/13/99

A. Patent Application No.(s)

B. Patent No.(s)

09-297183

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: George A. Loud

Internal Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

XX Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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9. 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.

George A. Loud Name of Person Signing

Signature

4/23/1999 Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 009966 FRAME: 0083

# 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, Akiko MATSUURA, Tomohiro SUGIMOTO, Tetsuya TANIKAWA, and Takaaki ISHII,

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, Akiko MATSUURA, Tomohiro SUGIMOTO, Tetsuya TANIKAWA, and Takaaki ISHII,

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

~~their~~ 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 extensions 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.,

~~their~~ 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, extension, 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:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Toshifumi Asaka</u> (Toshifumi ASAKA)	April 13, 1999	<u>Keiko Vorishi</u>
2) <u>Masato Koshimura</u> (Masato KASHIMURA)	April 13, 1999	<u>Keiko Vorishi</u>
3) <u>Akiko Matsuura</u> (Akiko MATSUURA)	April 13, 1999	<u>Keiko Vorishi</u>
4) <u>Tomohiro Sugimoto</u> (Tomohiro SUGIMOTO)	April 13, 1999	<u>Keiko Vorishi</u>
5) <u>Tetsuya Tanikawa</u> (Tetsuya TANIKAWA)	April 13, 1999	<u>Keiko Vorishi</u>
6) <u>Takaaki Ishii</u> (Takaaki ISHII)	April 13, 1999	<u>Keiko Vorishi</u>
7) _____ ( )	_____	_____
8) _____ ( )	_____	_____

PATENT