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1. Name of conveying party(ies):

Toru MARUYAMA
Kaoru KOBAYASHI
Tohru KAMBE
Takayuki MARUYAMA
Hideyuki YOSHIDA
Akio NISHIMURA
Nobutaka ABE

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

ONO PHARMACEUTICAL CO., LTD.
1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi. OSAKA 541-8526
JAPAN

1-22-01

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

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Execution Date: January 14 and 16, 2004

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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: January 14 and 16, 2004

A. Patent Application No.(s)

B. Patent No.(s)

101484500

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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

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PATENT

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ASSIGNMENT

Whereas, I/we Toru MARUYAMA, Kaoru KOBAYASHI, Tohru KAMBE,
Takayuki MARUYAMA, Hideyuki YOSHIDA, Akio NISHIMURA and Nobutaka ABE,
all of Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in
Pharmaceutical composition for treatment of diseases associated with
decrease in bone mass comprising EP₄ agonist as active ingredient
and executed an application for Letters Patent of the United States of America therefor on

January 14, 2004 ; and

Whereas, ONO PHARMACEUTICAL CO., LTD. of
1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, OSAKA 541-8526 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority under
35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any
Letters Patent granted upon the invention set forth in the application to the assignee, its successors
and assigns; and I/we will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses
(Application number _____, filed _____) the filing date and
application number of said application when known.

Date: January 14, 2004 s/ Toru Maruyama

Date: s/ _____

Date: s/ _____

Date: s/ _____

Date: s/ _____

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

ASSIGNMENT

Whereas, I/we Toru MARUYAMA, Kaoru KOBAYASHI, Tohru KAMBE, Takayuki MARUYAMA, Hideyuki YOSHIDA, Akio NISHIMURA and Nobutaka ABE, all of Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in
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January 16, 2004 ; and

Whereas, ONO PHARMACEUTICAL CO., LTD. of
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(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: _____ s/ _____

Date: January 16, 2004 s/ Kaoru Kobayashi

Date: January 16, 2004 s/ Tohru KAMBE

Date: January 16, 2004 s/ Takayuki Z. Maruyama

Date: January 16, 2004 s/ Hideyuki Yoshida

Date: January 16, 2004 s/ Akio Nishimura

Date: January 16, 2004 s/ Nobutaka Abe

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