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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Takanobu Kuroita; Hiroki Sakamoto; Mami Ojima

Execution Date(s) December 17, 2004; respectively

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Takeda Pharmaceuticals North America, Inc.

Internal Address: \_\_\_\_\_

Intellectual Property Department

Street Address: Suite 500

475 Half Day Road

City: Lincolnshire

State: Illinois

Country: USA Zip: 60069

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

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark Chao, Ph.D., JD

Internal Address: Intellectual Property Department

Takeda Pharmaceuticals North America, Inc.

Street Address: 475 Half Day Road

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**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 2002  
Expiration Date 11/06

b. Deposit Account Number \_\_\_\_\_

Authorized User Name Mark Chao

**9. Signature:**

Elaine M. Ramesh Signature

1/7/05 Date

Elaine M. Ramesh, Ph.D., JD Reg No. 43,032

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the undersigned inventor hereby sells and assigns, to **TAKEDA PHARMACEUTICAL COMPANY LIMITED**, a corporation of Japan, 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan (hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to the following invention and U.S. application filed thereon, and the entire right, title and interest in and to any and all Letters Patents which may be granted therefor in the United States, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

**Title of Invention :** BENZIMIDAZOLE DERIVATIVE AND USE THEREOF

**United States Patent Application :**

☒ [X] executed concurrently herewith

☐ [ ] executed on \_\_\_\_\_

☐ [ ] Serial No. \_\_\_\_\_ Filed \_\_\_\_\_

Each of the undersigned acknowledges that this sale and assignment includes any and all divisions or continuations of said United States Patent application, and any and all Letters Patent of the United States which may issue on any such applications, including any and all reissues or extensions thereof.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, assist in and testify in any related proceedings including interferences or lawsuits concerning this application or continuation, division or reissue thereof, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to obtain a grant of a valid United States Patent on said invention;

Each of the undersigned hereby grants ASSIGNEE and its legal representatives, 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 and specifically, the power to insert in the space provided above, the filing date and application number of the application when known.

In witness hereof, executed by the undersigned on the date(s) opposite the undersigned names.

NAMES AND SIGNATURES OF INVENTORS		
1.Name: Takanobu KUROIITA	Signature: <i>Takanobu Kuroita</i>	Date: December 17, 2004
2.Name: Hiroki SAKAMOTO	Signature: <i>Hiroki Sakamoto</i>	Date: December 17, 2004
3.Name: Mami OJIMA	Signature: <i>Mami Ojima</i>	Date: December 17, 2004
NAMES AND SIGNATURES OF WITNESSES		
Name/ Atsuhiko INABA For: 1-3	Signature: <i>Atsuhiko Inaba</i>	Date: December 17, 2004
Name/ Mariko NAKAMICHI For: 1-3	Signature: <i>Mariko Nakamichi</i>	Date: December 17, 2004
Name/ For:	Signature:	Date:

\*Notice for Witnesses! Please indicate which inventor(s) you are signing for by writing the corresponding numbers after "For:"