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103008129

1. Name of conveying party(ies):

Keiji KAMIYAMA, Hiroshi BANNO, Fumihiko SATO

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

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

Name: TAKEDA PHARMACEUTICAL COMPANY LIMITEDStreet Address: 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, JapanAdditional name(s) & address(es) attached? NO

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other ☐Execution Date: November 24, 24 and 25, 2004

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: November 24, 24 and 25, 2004A. Patent Application No.
NEW, filed December 13, 2004B. Patent No.(s)
, issuedAdditional numbers attached? NO

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

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Warren M. Cheek, Jr., Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). \$ 40.00☒ Enclosed (Check No. 65713)
Authorized to be charged to deposit account8. Deposit account number: 23-0975

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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.*Warren M. Cheek, Jr., Reg. No. 33,367
Name of Person SigningWarren M. Cheek, Jr.
SignatureDecember 13, 2004
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ATTACHMENT D

PATENT
REEL: 016581 FRAME: 0824

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Keiji KAMIYAMA, Hiroshi BANNO and Fumihiko SATO

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) Takeda Pharmaceutical Company Limited

Address of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
Title of Invention PRODRUGS OF IMIDAZOLE DERIVATIVES, FOR USE AS PROTON PUMP INHIBITORS IN THE TREATMENT OF E.G. PEPTIC ULCERS

for which an application for patent in the United States of America has resulted from International Application Serial No. PCT/JP03/07546 filed on June 13, 2003

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date November 24, 2004, Name of the Inventor Keiji Kamiyama
Keiji KAMIYAMA

Date November 24, 2004, Name of the Inventor Hiroshi Banno
Hiroshi BANNO

Date November 25, 2004, Name of the Inventor Fumihiko Sato
Fumihiko SATO

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Takako Yaguchi Takako YAGUCHI

Witness Kayoko Okamoto Kayoko OKAMOTO

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date _____

Applicant Reference Number _____ Atty Docket No. _____

Title of Invention _____