

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

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)

Yoshinori IKEURA; Tadatoshi HASHIMOTO; Naoki TARUI; Junya SHIRAI; Masayuki YAMASHITA

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

2. Name and address of receiving party(ies)

Name: Takeda Pharmaceutical Company Limited

Internal Address: Intellectual Property Department

Street Address: 1-1, Doshomachi 4-chome, Chuo-ku

City: Osaka

State: _____

Country: Japan Zip: 541-0045

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/15/04; 11/15/04; 11/17/04; 11/15/04; 11/15/04

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/516,252 - 11/29/2004

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

City: Lincolnshire

State: IL Zip: 60069

Phone Number: (847) 383-3372

Fax Number: (847) 383-3409

Email Address: _____

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
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- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 500799

Authorized User Name _____

9. Signature:

Elaine M. Ramesh
Signature

8/26/05
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:

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Junya SHIRAI; Masayuki YAMASHITA

Execution Date(s) 11/15/04; 11/15/04; 11/17/04; 11/15/04; 11/15/04

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Name Takeda Pharmaceuticals North America, Inc.
~~--- Takeda Pharmaceutical Company Limited---~~
Internal Address: _____

Intellectual Property Department

Street Address: Suite 500

475 Half Day Road

--1-1, Doshomachi 4-chome, Chuo-ku--
City: Lincolnshire --Osaka--

State Illinois

Country USA --Japan-- Zip 60069
--541-0045--

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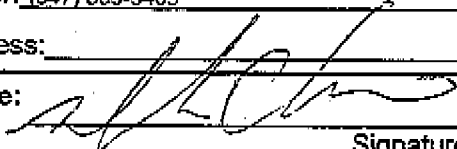
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Authorized User Name _____

9. Signature:



Signature

11/29/04
Date

Mark Chao, Ph.D., JD Reg No. 37,293

Name of Person Signing

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

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each of the undersigned inventors 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 :

PIPERIDINE DERIVATIVE, PROCESS FOR PRODUCING THE SAME, AND USE

United States Patent Application :

- 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: Yoshinori IKEURA	Signature: <i>Yoshinori Ikeura</i>	Date: <i>November 15, 2004</i>
2.Name: Tadatoshi HASHIMOTO	Signature: <i>Tadatoshi Hashimoto</i>	Date: <i>November 15, 2004</i>
3.Name: Naoki TARUI	Signature: <i>Naoki Tarui</i>	Date: <i>November 17, 2004</i>
4.Name: Junya SHIRAI	Signature: <i>Junya Shirai</i>	Date: <i>November 15, 2004</i>
5.Name: Masayuki YAMASHITA	Signature: <i>Masayuki Yamashita</i>	Date: <i>November 15, 2004</i>
NAMES AND SIGNATURES OF WITNESSES		
Name/ Masashi SHIMBO For: 1, 2, 4	Signature: <i>Masashi Shimbo</i>	Date: <i>November 15, 2004</i>
Name/ Masaharu NAKAYAMA For: 3	Signature: <i>Masaharu Nakayama</i>	Date: <i>November 17, 2004</i>
Name/ Toru YAMANO For: 4	Signature: <i>Toru Yamano</i>	Date: <i>November 15, 2004</i>
Name/ For:	Signature:	Date:
Name/ For:	Signature:	Date:

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

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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on August 26, 2005
Date



Signature

Dawn Hackbert

Typed or printed name of person signing Certificate

(847) 383-3742

Registration Number, if applicable

Telephone Number

Transmittal Form (1 page)

Statement of Resubmission of Assignment (2 pages), Resubmitted Assignment (2 pages) and Recordation Cover Sheet & extra Fee copy (2 pages)

Copy of previously filed Recordation Cover Sheet (1 page)

9 pages total, including this page

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Application Ser. No. 10/516,252

Atty Dkt. No. 3054 USOP

Filed November 29, 2004

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/516,252	
	Filing Date	November 29, 2004	
	First Named Inventor	Y. Ikeura	
	Art Unit	1614	
	Examiner Name	tba	
Total Number of Pages in This Submission	9	Attorney Docket Number	3054 US0P

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Resubmission of Assignment; Resubmitted Assignment; Recordation Cover Sheet; Previously filed Recordation Cover Sheet Certificate of Fax Transmission
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 500799.	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature	<i>Elaine M Ramesh</i>		
Printed name	Elaine M. Ramesh		
Date	8/26/05	Reg. No.	43,032

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
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Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT
REEL: 016672 FRAME: 0695

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	10/516,252	Art Unit:	1614
Filed:	November 29, 2004	Examiner:	tba
1 st Inventor:	Y. Ikeura	Allowed:	
For:	Piperidine Derivative, Process for Producing the Same, and Use	Batch:	
Atty. Dkt. No.	3054 USOP	Paper No.:	

Resubmission of Assignment Due to Cover Sheet Error

Mail Stop Assignment Recordation Services
Director, U.S. Patents and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby resubmit the Assignment Document for Recordation. This Assignment and Recordation Cover Sheet supersedes the Assignment and Recordation Cover Sheet filed with the USPTO on November 29, 2004.

The resubmission is made because the Assignee Name and address of receiving party(ies) was incorrectly identified on the Recordation Form Cover Sheet for the Assignment filed on November 29, 2004, due to the Applicant's error. Please correct the Assignee Name to read as follows:

--Takeda Pharmaceutical Company Limited
Intellectual Property Department
1-1, Doshomachi 4-chome, Chuo-ku
Osaka, Japan 541-0045 --

A copy of the previously filed Assignment Recordation Sheet is enclosed to show the error and correction of the Assignee Name.

The Commissioner is authorized to charge any required fee or to credit any overpayment USPTO Deposit Account 500799.

If there are any questions regarding this request, please call Applicants' attorney at (847) 383-3391.

Respectfully submitted,

Dated: August 26, 2005

(847) 383-3391

(847) 383-3372

Elaine M Ramesh

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

Mark Chao, Ph.D., Reg. No. 37,293

Attorney for Applicants

Customer No. 23115

Takeda Pharmaceuticals North America, Inc.
Intellectual Property Department
475 Half Day Road
Lincolnshire, IL 60069 USA

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Signature8/26/05
DateElaine M. Ramesh, Ph.D., JD Reg. No. 43,032

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PATENT

RECORDED: 08/26/2005

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