Form PTO-1595 (Rev. 03/05) OMB No. 0651-0027 (exp. 6/30/2005)	08-29-	·2006	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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To the Director of the U.S. Patent and		se record the attached	documents or the new address(es) below.
1. Name of conveying party(ies)		1	dress of receiving party(ies)
Zen-ichi TERASHITA; Keiji KUSUMOTO; Fu Yoshimi IMURA	minari YAMAGUCHI;		Pharmaceutical Company Limited
		Internal Address	:
Additional name(s) of conveying party(ies) at	tached? ☐ Yes ✓ No	<u> </u>	
3. Nature of conveyance/Executio	• •	Street Address:	1-1, Doshomachi 4-chome, Chuo-ku
Execution Date(s) May 24, 2005; respec			
Assignment I	Merger		
Security Agreement	Change of Name	City: Osaka-shi	
Joint Research Agreement		State: Osaka	
Government Interest Assignmen		Country: Japan	Zip: 541-0045
Executive Order 9424, Confirma	tory License	I	Σιμστινοντο
Request to correct As Other_Reel/Frame: 017447/0021	ssignee Address	Additional name(s)) & address(es) attached? ☐ Yes 🗹 No
4. Application or patent number(s):	1	g filed together with a new application.
A. Patent Application No.(s)		B. Patent No.	(s).
Document ID Number: 103266834			
	Additional numbers att	tached? ☐ Yes 🗸]No 6
5. Name and address to whom co- concerning document should be r	-	6. Total number involved: 1	r of applications and patents
Name: Mark Chao, Ph.D., JD	i	7. Total fee (37	CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Intellectual Property D	Department	1 —	to be charged by credit card
Takeda Pharmaceuticals North America, Inc		1 —	to be charged to deposit account
Street Address: 475 Half Day Road		Enclosed	
0.0007.00.000		None requir	ed (government interest not affecting title)
City: Lincolnshire		8. Payment Info	
State: IL Zip:	60069	a. Credit Card	Last 4 Numbers Expiration Date
Phone Number: (847) 383-3372		h Denneit Ar	count Number 500799
Fax Number:_(847)383-3409			
Email Address:		Authorized	I User Name
9. Signature:			8/21/06
	Signature		Total Date
Mark Chao, Ph.D., JD	Reg. No. 37,293		tal number of pages including cover neet, attachments, and documents:

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To the Director of the U.S. Paten Name of conveying party(les) en-ichi TERASHITA, Keiji KUSUMOTO; Fuminari YAMAGUCH; oshimi IMURA diditional name(s) of conveying party(ses) attached? Yes No Name and address of receiving party(les) Name:Takeda Pharmacoutical Company Limited Internal Address:Intellectual Property Department Street Address:Intellectual Property Department	orm PTO-1595 (Rev. 03/05) MB No. 0651-0027 (exp. 6/30/2005) 01,-13-29	Rec'd POT/PETARTALE T OF HAM 1855
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Name and address of receiving party(les)		
Name and address to whom correspondence oncerning document should be mailed: Name and address: Mark Chao, Ph.D., JD Name and address: Mark Chao, Ph.D., JD Name and address: Mark Chao, Ph.D., JD Name: Takeda Pharmaceutical Company Limited Internal Address: Intellectual Property Department Street Address: 1-1, Doshomachi 4-chome, Chuo-ku	To the Director of the U.S. Paten 103 157	758hed documents or the new address(es) below.
Internal Address:intellectual Property Department		.
Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance/Execution Date(s): xecution Date(s) May 24, 2005: respectively Assignment		
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Security Agreement		
Joint Research Agreement State: Country: Japan Zip: 541-0045		City: Osaka
Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No Application or patent number(s): A. Patent Application No.(s) A. Patent Application No.(s) B. Patent No.(s) 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 Tip: 60069 Phone Number: (847) 383-3372 Fax Number: (847) 383-3409 Email Address: 9. Signature: Country: Japan Zip: 541-0045 Additional name(s) & address(es) attached? Nes No No Additional name(s) & address(es) attached? Nes No No Additional name(s) & address(es) attached? Nes No No Additional name(s) & address(es) attached? Nes No.(s) Additional name(s) & address(es) attached? Nes No Additional name(s) & address(es) attached? Nes No.(s) B. Patent No.(s) 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 Expiration Date b. Deposit Account Number 500799 Authorized User Name 9. Signature:		State
Executive Order 9424, Confirmatory License Country: Japan Zip: 541-0045		State.
Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): A. Patent Application No.(s) D5 6FREY1	-	Country: Japan Zip: 541-0045
A. Application or patent number(s): A. Patent Application No.(s) D. FREY1		Additional name(a) & address(as) attached 2 Vas Mila
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: 476 Half Day Road City: Lincolnshire State: L Zip: 60069 Phone Number: (847) 383-3372 Fax Number: (847) 383-3409 Email Address: Month America (847) 383-3409 Email Address: Month America (947) 383-3409 Emai		document is being filed together with a new application.
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: Additional numbers attached? Yes No 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 Expiration Date b. Deposit Account Number 500799 Authorized User Name	n. i atolit Application NU.(3)	B. Patent No.(s)
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City: Lincolnshire State: IL Zip: 60069 Phone Number: (847) 383-3372 Fax Number: (847) 383-3409 Email Address: Deposit Account Number 500799 Authorized User Name 4023/25	21 40.00 DA Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: Mark Chao, Ph.D., JD Internal Address: Intellectual Property Department	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card
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PATENT

REEL: 018221 FRAME: 0055

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:

BODY WEIGHT GAIN INHIBITOR

United States Patent Application:

[:	X]	executed cond	currently herewith	
E	3	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;

1

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.

NAME:	S AND SIGNATURES OF INVENTORS				
1.Name: Zen-ichi TERASHITA	Signature: Serichi Terashita	Date: May 24, 2005			
2.Name: Keiji KUSUMOTO	Signature: Keizi Kurvatts	Date: May 24, 2005			
3.Name: Fuminari YAMAGUCHI	Signature: Himmani Yanaguah	D-4			
4.Name: Yoshimi IMURA	Signature:	Date: May 24, 2005			
NAMES AND SIGNATURES OF WITNESSES!					
Name/ Takako YAGUCHI	Signature: TINN LI	Date:			
Name/ Takako YAGUCHI For: 1-4	Signature: Takako Yaguchi	Date: May 24, 2005			
For: 1-4	Signature: Takako Yaguchi Signature:				
For: 1-4	Jakako Jaguchi	May 24, 2005			
For: 1-4 Name/ For:	Jakako Jaguchi	May 24, 2005			
For: 1-4 Name/ For:	Signature:	May 24, 2005 Date:			
For: 1-4 Name/ For: Name/ For:	Signature:	May 24, 2005 Date:			

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