

Clarke, Modet & C^o

COLOMBIA

P-2644

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-104014-/-00001-0000

Fecha: 2010-09-28 15:39:38 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 329 CTOINFORMACION Folios: 15

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIVISION DE NUEVAS CREACIONES

E. S. D.

Ref.: Expediente No. 10.104.014
Solicitud de Patente a nombre de
TAKEDA PHARMACEUTICAL COMPANY LIMITED

Yo, DILIA MARÍA RODRÍGUEZ D´ALEMAN, identificada como aparece al pie de mi firma, domiciliada en la Carrera 11 No. 86-53, piso 6, obrando como apoderada de la sociedad TAKEDA PHARMACEUTICAL COMPANY LIMITED, solicitante de la patente de la referencia, atentamente, como complementación de documentos me permito presentar :

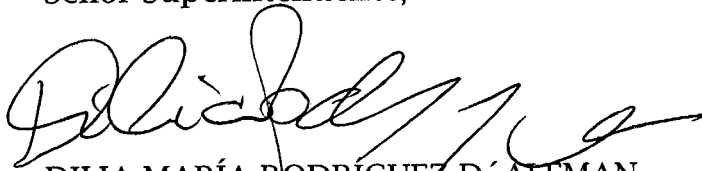
1. Documentos donde consta la cesión del derecho a la patente otorgada por los inventores a favor de mi mandante. Sobre el particular, es importante resaltar que de conformidad con las normas legales vigentes, artículo 1 de la Resolución 210 de 2001, expedida por el Superintendente de Industria y Comercio y artículo 2 de la Convención de la Haya, el documento en inglés que se pretenda aportar como parte de los trámites de propiedad industrial ante la Superintendencia de Industria y Comercio no requieren traducción. Por otro lado, la legalización consular y/o diplomática de los documentos expedidos en el extranjero no es necesaria. Por lo tanto, el documento de cesión anexo a este memorial es válidamente presentado en idioma inglés y con la correspondiente apostilla.

2. Copia simple de la publicación Estadounidense No. US 2009/0305998 A1 en donde se menciona que la solicitud No-provisional No. 12/363,640 (que se indica en los documentos de cesión presentados junto con el presente memorial) se deriva de las solicitudes provisionales Nos. 61/025,725 y 61/101.595.

Al respecto me permito manifestar que en este caso se reivindicaron dos prioridades con números de solicitud 61/025,725 y 61/101.595, y es precisamente estas dos patentes las que conforman la solicitud de patente de la referencia.

Adicionalmente es importante aclarar que las solicitudes de las cuales se reivindicó prioridad, es decir las solicitudes No. 61/025,725 y 61/101.595 iniciaron como solicitudes provisionales y de estas dos se deriva la solicitud no provisional No. 12/363,640, la cual es mencionada en los documentos de cesión.

Señor Superintendente,



DILIA MARÍA RODRÍGUEZ D' ALEMAN
C.C. 41.654.882 de Bogotá.
T.P. 20824 CSJ

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by N. Williams

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

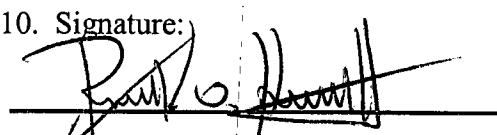
6. the twenty-sixth of August, 2010

7. by Assistant Authentication Officer, United States Department of State

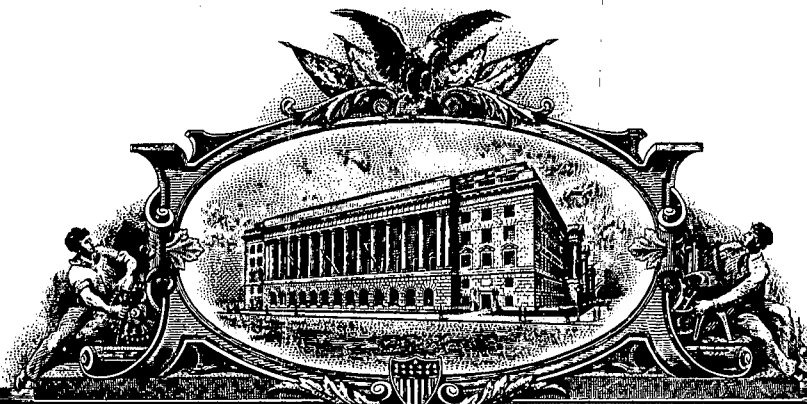
8. No. 10040125-3

9. Seal/Stamp:

10. Signature:


Patrick O. Hatchett

A 7251670



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

August 10, 2010

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
FEBRUARY 10, 2009.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



N. Williams
N. WILLIAMS
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takeda San Diego, Inc.	02/10/2009
RECEIVING PARTY DATA	
Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED
Street Address:	1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	541-0045
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12363640
CORRESPONDENCE DATA	
Fax Number:	(858)550-0992
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 622-8528
Email:	mrussell@takedasd.com
Correspondent Name:	Takeda San Diego, Inc.
Address Line 1:	10410 Science Center Drive
Address Line 4:	San Diego, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	HSP90-5003-US
NAME OF SUBMITTER:	C. Amy Smith
Total Attachments: 2 source=HSP90-5003-US_Assignment_02_TSD-TPC_2009-2-10#page1.tif source=HSP90-5003-US_Assignment_02_TSD-TPC_2009-2-10#page2.tif	

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PATENT
REEL: 022234 FRAME: 0442

CH 12363640 \$40.00

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ASSIGNMENT OF PATENT APPLICATION

TAKEDA SAN DIEGO, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its place of business at 10410 Science Center Drive, San Diego, California 92121 (hereinafter referred to as "ASSIGNOR") invented a certain invention entitled HSP90 INHIBITORS for which an application for Letters Patent of the United States of America was filed with the U.S. Patent and Trademark Office on January 30, 2009 and assigned U.S. Application Serial No. 12/363,640.

TAKEDA PHARMACEUTICAL COMPANY LIMITED, a Japanese corporation having its principal office at 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 JAPAN (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Diego, California, this 10 day of February, 2009.

TAKEDA SAN DIEGO, INC.

Signed:

David J. Weitz

Name:

David J. Weitz

Title:

Senior Vice President
General Counsel and
Chief Intellectual Property Counsel

8

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by N. Williams

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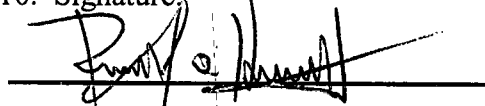
6. the twenty-sixth of August, 2010

7. by Assistant Authentication Officer, United States Department of State

8. No. 10040125-2

9. Seal/Stamp:

10. Signature:



Patrick O. Hatchett

A 7251670

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

August 10, 2010

**THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
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N. Williams
N. WILLIAMS
Certifying Officer

9

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Young K. Chen</td><td>02/10/2009</td></tr> <tr><td>Erick Co</td><td>02/10/2009</td></tr> <tr><td>Prasuna Guntupalli</td><td>02/10/2009</td></tr> <tr><td>John David Lawson</td><td>02/10/2009</td></tr> <tr><td>Wolfgang Reinhard Ludwig Notz</td><td>02/10/2009</td></tr> <tr><td>Jeffrey A. Stafford</td><td>02/10/2009</td></tr> <tr><td>Huong-Thu Ton-Nu</td><td>02/10/2009</td></tr> </tbody> </table>		Name	Execution Date	Young K. Chen	02/10/2009	Erick Co	02/10/2009	Prasuna Guntupalli	02/10/2009	John David Lawson	02/10/2009	Wolfgang Reinhard Ludwig Notz	02/10/2009	Jeffrey A. Stafford	02/10/2009	Huong-Thu Ton-Nu	02/10/2009
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RECEIVING PARTY DATA																	
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CORRESPONDENCE DATA																	
Fax Number: (858)550-0992 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (858) 622-8528 Email: mrussell@takedasd.com Correspondent Name: Takeda San Diego, Inc. Address Line 1: 10410 Science Center Drive Address Line 4: San Diego, CALIFORNIA 92121																	
ATTORNEY DOCKET NUMBER:	HSP90-5003-US																

500777526

PATENT
REEL: 022234 FRAME: 0388

CH \$40.00 12363640

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NAME OF SUBMITTER:

C. Amy Smith

Total Attachments: 3

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PATENT
REEL: 022234 FRAME: 0389

605
14

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, YOUNG K. CHEN , a citizen of United States of America, ERICK CO, a citizen of United States of America, PRASUNA GUNTUPALLI, a citizen of India, JOHN DAVID LAWSON, a citizen of United States of America, WOLFGANG REINHARD LUDWIG NOTZ, a citizen of Germany, JEFFREY A. STAFFORD, a citizen of United States, and HUONG-THU TON-NU, a citizen of United States (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled HSP90 INHIBITORS for which an application for Letters Patent of the United States of America has been filed with the U.S. Patent and Trademark Office on January 30, 2009 and assigned Application Serial No. 12/363,640; and

WHEREAS, **TAKEDA SAN DIEGO, INC.**, a corporation organized and existing under and by virtue of the laws of the **State of Delaware** and having its place of business at **10410 Science Center Drive, San Diego, California 92121** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

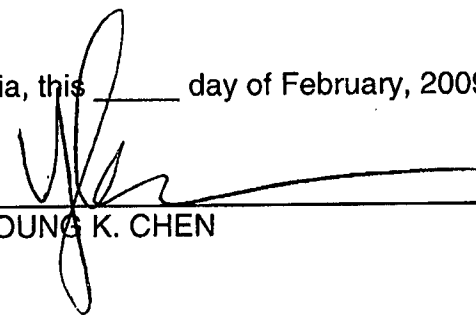
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue

patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Diego, California, this _____ day of February, 2009.



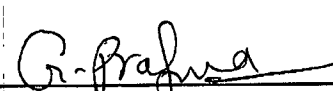
YOUNG K. CHEN

WITNESS my hand at San Diego, California, this 10th day of February, 2009.



ERICK CO

WITNESS my hand at San Diego, California, this 10th day of February, 2009.



PRASUNA GUNTUPALLI

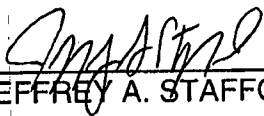
WITNESS my hand at San Diego, California, this 10 day of February, 2009.


JOHN DAVID LAWSON

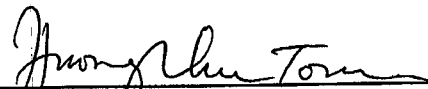
WITNESS my hand at San Diego, California, this 10th day of February, 2009.


WOLFGANG REINHARD LUDWIG NOTZ

WITNESS my hand at San Diego, California, this 10 day of February, 2009..


JEFFREY A. STAFFORD

WITNESS my hand at San Diego, California, this 10 day of February, 2009.


HUONG-THU TON-NU



P2649

US 20090305998A1

(19) **United States**(12) **Patent Application Publication****Chen et al.**(10) **Pub. No.: US 2009/0305998 A1**(43) **Pub. Date: Dec. 10, 2009**(54) **HSP90 INHIBITORS**

(75) Inventors: **Young K. Chen**, San Diego, CA (US); **Erick Co**, San Diego, CA (US); **Prasuna Guntupalli**, San Diego, CA (US); **John D. Lawson**, Carlsbad, CA (US); **Wolfgang Reinhard Ludwig Notz**, San Diego, CA (US); **Jeffrey A. Stafford**, San Diego, CA (US); **Huong-Thu Ton-Nu**, San Diego, CA (US)

Correspondence Address:
TAKEDA SAN DIEGO, INC.
10410 SCIENCE CENTER DRIVE
SAN DIEGO, CA 92121 (US)

(73) Assignee: **Takeda Pharmaceutical Company Limited**, Osaka (JP)

(21) Appl. No.: **12/363,640**

(22) Filed: **Jan. 30, 2009**

Related U.S. Application Data

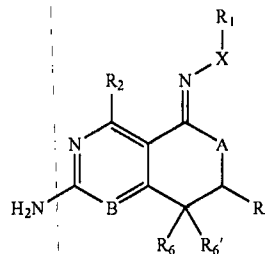
(60) Provisional application No. 61/025,725, filed on Feb. 1, 2008, provisional application No. 61/101,595, filed on Sep. 30, 2008.

Publication Classification

(51) **Int. Cl.**
A61K 31/7064 (2006.01)
C07D 401/10 (2006.01)
A61K 31/517 (2006.01)
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
C07H 7/06 (2006.01)
(52) **U.S. Cl.** **514/23; 544/284; 514/266.21; 544/279; 514/264.11; 514/234.2; 544/117; 514/210.18; 530/409; 536/55**

ABSTRACT

The invention relates to HSP90 inhibiting compounds consisting of the formula:



wherein the variables are as defined herein. The invention also relates to pharmaceutical compositions, kits and articles of manufacture comprising such compounds; methods and intermediates useful for making the compounds; and methods of using said compounds.



Bogotá D.C.,
2020

Doctor(a)
RODRIGUEZ D' ALEMAN DILIA MARIA
Apoderado(a) y/o Representante de
TAKEDA PHARMACEUTICAL COMPANY LIMITED

REFERENCIA	Radicación No.	10 104014
	Solicitud internacional	PCT/US2009/032728
	Fecha inicio fase nacional	01/09/2010
	Trámite	11
	Evento	378
	Actuación	430
	Oficio No.	

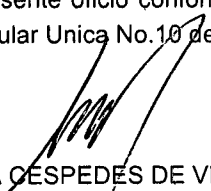
14331

Como resultado del examen de forma, realizado con fundamento en el artículo 38 de la Decisión 486 de la Comisión de la Comunidad Andina, artículo 27 del Tratado de Cooperación en Materia de Patentes (PCT), regla 51 bis del Reglamento y Circular Única de la Superintendencia de Industria y Comercio, se le comunica que:

1. El solicitante debe presentar un nuevo título que permita identificar la materia de la cual trata la solicitud, ya que el título relacionado no se encuentra con la precisión necesaria para identificar claramente el objeto de la solicitud de patente. (Regla 4.3 PCT, Art 26-27 D-486, Circular única 5.2.9)

En cumplimiento de lo dispuesto por el artículo 39 de la Decisión 486, se le requiere para que dentro del término de dos meses siguientes a la fecha de notificación del presente oficio, complete los requisitos anteriormente enunciados. En caso de no dar cumplimiento al presente requerimiento, la solicitud se considerará abandonada y perderá su prelación.

Notifíquese el presente oficio conforme a lo dispuesto en el numeral 5.2, literal e), del capítulo quinto del título primero de la Circular Única No. 10 de 2001.


ALIX CARMENZA CESPEDES DE VERGEL
Directora de Nuevas Creaciones (c)

El anterior requerimiento fue notificado por fijación en lista de fecha _____
adpa11

05 NOV. 2020

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