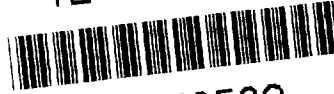


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12-15-2000



101553582

cket No.: P-HP 4039

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings → → → ▼ 12.13.00 ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
**Kevin C. Dines; Timothy C. Gahman; Beverly E. Girten;
Douglas L. Hitchin; Kevin R. Holme; Hengyuan Lang ;
Sandra R. Slivka; Karen J. Watson-Straughan; Ronald R.
Tuttle; and Yazhong Pei**

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

Name: Trega Biosciences, Inc.

Internal Address: _____

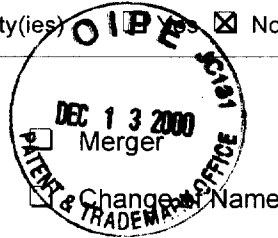
Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

Assignment

Security Agreement

Other _____



Street Address: 9880 Campus Point Drive

City: San Diego State: CA ZIP: 92121

Execution Date: 8/17; 8/21; 8/29; 9/18; and 10/16 2000

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

09/615,479

12/14/2000 SDUONG 00000093 09615479

04 FC:581

40.00 OP

Additional numbers attached? Yes No

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

Name: Cathryn Campbell, CAMPBELL & FLORES LLP

Internal Address: _____

Street Address: 4370 La Jolla Village Drive, 7th Floor

City: San Diego

State: CA

ZIP: 92122

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

03-0370

DO NOT USE THIS SPACE

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.

Calvin A. Fan, Reg. No. 38,444

Name of Person Signing

Signature

December 11, 2000

Date

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

12

ASSIGNMENT

This Assignment is made by **Kevin C. Dines** of San Diego, California; **Timothy C. Gahman** of Encinitas, California; **Beverly E. Girten** of Sunnyvale, California; **Douglas L. Hitchin**, **Kevin R. Holme**, **Henryuan Lang**, **Sandra R. Slivka**, all of San Diego, California; **Karen J. Watson-Straughan** of Encinitas, California; **Ronald R. Tuttle** of Escondido, California; and **Yazhong Pei** of San Diego, California, Assignors, to **Trega Biosciences, Inc.**, Assignee, having a place of business at 9880 Campus Point Drive, San Diego, California 92121.

WHEREAS, Assignors have invented a new and useful **MELANOCORTIN RECEPTOR-3 LIGAND TO TREAT SEXUAL DYSFUNCTION**, for which an application for United States Letters Patent was filed on **July 13, 2000**, in the United States Patent and Trademark Office, bearing Serial No. **09/615,479** and identified as Attorney Docket No: **P-HP 4039**;

WHEREAS, Assignors believe themselves to be the original inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors sell, assign, and transfer to Assignee, the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and

throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the date(s) provided below.

Assignor: **KEVIN C. DINES**

Kevin C. Dines

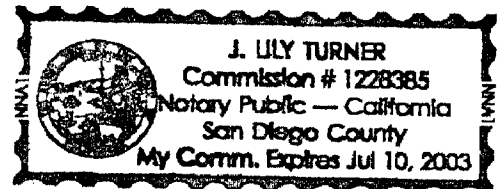
Signature

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On AUGUST 17, 2000, before me, J. LILY TURNER personally appeared KEVIN C. DINES, ~~personally known to me~~ OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS by hand and official seal.

J. Lily Turner
(Signature of Notary)



Assignor: **TIMOTHY C. GAHMAN**

Timothy C. Gahman
Signature

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On AUGUST 17, 2000, before me, J. LILY TURNER
personally appeared TIMOTHY C. GAHMAN,
~~personally known to me~~ - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) ~~is~~ are
subscribed to the within instrument and acknowledged to me that
he/~~she~~/they executed the same in his/~~her~~/their authorized
capacity(~~ies~~), and that by his/~~her~~/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

J. Lily Turner
(Signature of Notary)



Assignor: **BEVERLY E. GIRTEN**

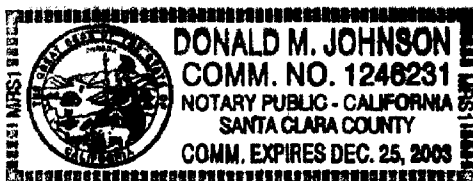
Beverly E. Girten
Signature

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

On OCTOBER 16, 2000, before me, DONALD M. JOHNSON,
personally appeared BEVERLY E. GIRTEN,
personally known to me - OR - _____ proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

Donald M. Johnson
(Signature of Notary)



Assignor: **DOUGLAS L. HITCHIN**

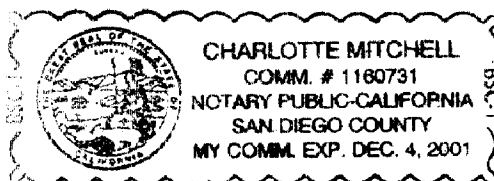
Douglas L. Hitchin
Signature

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On 3/21/00, before me, CHARLOTTE MITCHELL,
personally appeared DOUGLAS L. HITCHIN,
personally known to me - OR - ✓ proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

Charlotte Mitchell
(Signature of Notary)



Assignor: **KEVIN R. HOLME**

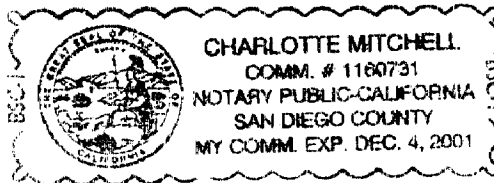
Kevin R Holme
Signature

STATE OF California)
COUNTY OF San Diego)

On 8/21/00, before me, CHARLOTTE MITCHELL
personally appeared KEVIN R. HOLME,
personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

Charlotte Mitchell
(Signature of Notary)



Assignor: **HENGYUAN LANG**

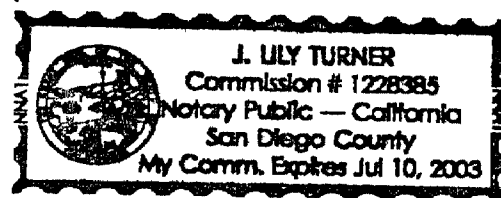
Hengyuan Lang
Signature

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On AUGUST 17, 2000, before me, J. LILY TURNER
personally appeared HENGYUAN LANG,
~~personally known to me~~ - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) ~~is/are~~
subscribed to the within instrument and acknowledged to me that
~~he/she/they~~ executed the same in ~~his/her/their~~ authorized
capacity(~~ies~~), and that by ~~his/her/their~~ signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

J. Lily Turner
(Signature of Notary)



Assignor: **SANDRA R. SLIVKA**

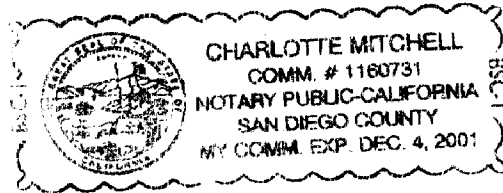
Sandra R. Slivka
Signature

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On 8/21/00, before me, CHARLOTTE MITCHELL
personally appeared SANDRA R. SLIVKA,
personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

Charlotte Mitchell
(Signature of Notary)



Assignor: **KAREN J. WATSON-STRAUGHAN**

Karen J. Straughan

Signature

Karen J. Watson-Straughan

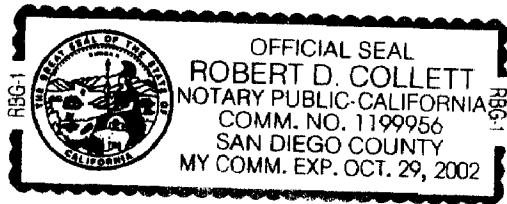
STATE OF Calif.)
COUNTY OF San Diego)

On Sept 11 2000, before me, ROBERT D. COLLETT
personally appeared KAREN J. WATSON-STRAUGHAN,
personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

Robert D. Collett

(Signature of Notary)



Assignor: **RONALD R. TUTTLE**

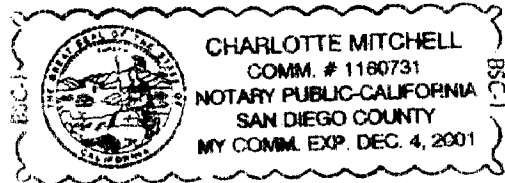
Ronald R Tuttle
Signature

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

On 8/21/00, before me, CHARLOTTE MITCHELL
personally appeared RONALD R. TUTTLE,
personally known to me - OR - proved to me on the basis
of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS by hand and official seal.

Charlotte Mitchell
(Signature of Notary)



Assignor: **YAZHONG PEI**



Signature

STATE OF California)
COUNTY OF San Diego)

On August 29, 2000, before me, Alice A. Roder, notary
personally appeared Yazhong Pei,
 personally known to me - OR - ~~proved to me on the basis~~
of ~~satisfactory evidence~~ to be the person whose name is
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity, and that by his/her/their signature on the
instrument the person, or the entity upon behalf of which the
person acted, executed the instrument.

WITNESS by hand and official seal.

Alice A. Roder

(Signature of Notary)

