

05-02-2000



101340323

Of Counsel:
Patricia Ann Johnson
David W. Woodward

SHANKS & HERBERT
Intellectual Property
Attorneys at Law

TransPotomac Plaza
1033 N. Fairfax Street
Suite 306
Alexandria, VA 22314



Telephone: 703-683-3600
Facsimile: 703-683-9875
Internet: info@IPadvocates.com

4.10.00

RECORDATION COVER SHEET - PATENT APPLICATION

NAME OF CONVEYING PARTY : ANDERSON, Mark Brian;
VAZIR, Haresh N.;
LUTHIN, David Robert;
PADERES, Genevieve DeGuzman;
PATHAK, Ved P.;
CHRISTIE, Lance Christopher;
HONG, Yufeng;
TOMPKINS, Eileen Valenzuela;
LI, Haitao; and
FAUST, James

NAME OF RECEIVING PARTY : Agouron Pharmaceuticals, Inc.

ADDRESS OF RECEIVING PARTY : 10350 North Torrey Pines Road
La Jolla, California 92037, U.S.

NATURE OF CONVEYANCE : Assignment of U.S. patent application
CONVEYANCE EXECUTION DATE : August 25, August 26 and
August 30, 2000

PATENT APPLICATION NO. : 60/097,520; PCT/US99/18790; and
09/259,206

APPLICATION FILED TOGETHER WITH THIS DOCUMENT : NO
APPLICATION EXECUTION DATE : August 25, August 26 and
August 30, 2000

CORRESPONDENCE ADDRESS : David W. Woodward, Esq.
SHANKS & HERBERT
1033 N. Fairfax St., Suite 306
Alexandria, VA 22314

ATTORNEY REFERENCE : 0121-0002PCT

TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED : Three

TOTAL FEE PAID : \$120.00

METHOD OF PAYMENT : Check

(05-02-2000 0mes:en 101340323 101340323)

PATENT
REEL: 010738 FRAME: 0487

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.

If this Filing Fee is insufficient for any reason, please credit any overpayment or charge any remaining fees our Deposit Account 50-0622.

David W. Woodward
David W. Woodward (Reg. No. 35,020)

April 10, 2000
Date

Total number of pages including cover sheet, attachments and document: 14

PATENT
REEL: 010738 FRAME: 0488

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Mark Brian ANDERSON, Hareesh N. VAZIR, David Robert LUTHIN, Genevieve DeGuzman PADERES, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen Valenzuela TOMPKINS, Haitao LI, and James FAUST, the undersigned hereby sell(s) and assign(s) to Agouron Pharmaceuticals, Inc. (the Assignee) his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. Sec. 100),
 and throughout the world

in the invention(s) known as Non-Peptide GnRH Agents, Methods and Intermediates for Their Preparation for which application(s) for patent in the United States of America has (have) been executed by the undersigned on August 20, 1998 (also known as United States Provisional Application No. 60/097,520, filed August 20, 1998), in any and all applications thereon in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) 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 the application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby covenant(s) 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 therewith.

The undersigned hereby grant(s) Toni-June Herbert, Registration No. 34,348, Mark R. Shanks, Registration No. 33,731, Kathleen W. Geiger, Registration No. 35,880, David W. Woodward, Registration No. 35,010, Keith D. Hutchinson, Registration No. 43,687, Maria L. Maebius, Registration No. 42,967, Mark J. Pino, Registration No. 43,858, Deanna L. Baxam, Registration No. 45,266, Joseph G. Contrera, Registration No. 44,628, Chalin A. Smith, Registration No. 41,569 and the attorneys of SHANKS & HERBERT, TransPotomac Plaza, 1033 N. Fairfax St., Suite 306, Alexandria, Virginia 22314, 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 and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 8/25/99 Signature of Inventor: 
Mark Brian ANDERSON

Date: 8/23/99 Signature of Inventor: 
Hareesh N. VAZIR

Date: 8/26/99

Signature of Inventor: David Robert Luthin
David Robert LUTHIN

Date: 8/25/1999

Signature of Inventor: Genevieve Padres
Genevieve DeGuzman PADERES

Date: 8/26/99

Signature of Inventor: Ved Pathak
Ved P. PATHAK

Date: 8/25/99

Signature of Inventor: Lance Christopher Christie
Lance Christopher CHRISTIE

Date: 8/25/1999

Signature of Inventor: Yufeng Hong
Yufeng HONG

Date: 8/25/1999

Signature of Inventor: Bileen Valenzuela Tompkins
Bileen Valenzuela TOMPKINS

Date: 8/25/1999

Signature of Inventor: Haitao Li
Haitao LI

Date: 8/25/1999

Signature of Inventor: James Faust
James FAUST

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 25, 1999 before me, Bonnie Acosta, Notary Public

personally appeared Mark Brian Anderson

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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document Assignment for Case No. 0059-WO

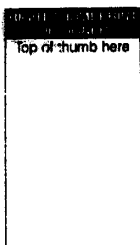
Document Date: 8/25/99 Number of Pages: two

Signer(s) ~~Genevieve DeGusman PADERES, David Robert LUTHIN,~~
Mark Brian ANDERSON, Hareesh N. VARIR, Ved P. PATHAK,
Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name _____

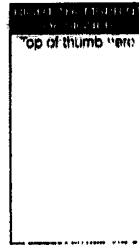
- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 25, 1999 before me, Bonnie Acosta, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Harsh Vasir
Name(s) of Signer(s)

I 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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

OPTIONAL

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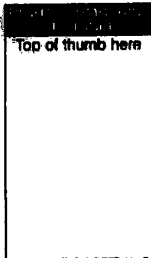
Document Date: 2/25/99 Number of Pages: two

Signer(s) ~~Genevieve DeGuzman PADERES, David Robert LOTHIN,~~
Mark Brian ANDERSON, Harsh N. VASIR, Ved P. PATHAK,
Lance Christopher CHRISTIE, Yufang HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

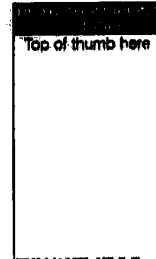
- Individual
- Corporate Officer
- Title(s): _____
- Partner - Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing _____

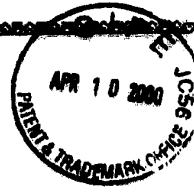
Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner - Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 26, 1999 before me, Bonnie Acosta, Notary Public

personally appeared David Robert Luthin
Name(s) of Signer(s)

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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

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Title or Type of Document: Assignment for Case No. 0059-WO

Document Date: 2/25/2000 Number of Pages: two

Signer(s) ~~Genevieve DeGueman PADERES, David Robert LUTHIN,~~
Mark Brian ANDERSON, Harsh N. VAIR, Ved P. PATHAK,
Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

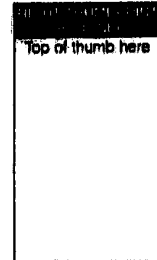
- Individual
- Corporate Officer
- Title(s): _____
- Partner - Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

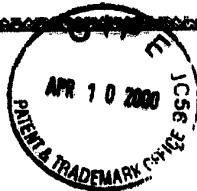
Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner - Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 25, 1999 before me, Bonnie Acosta, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Genevieve Paderes
Name(s) of Signer(s)

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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

OPTIONAL

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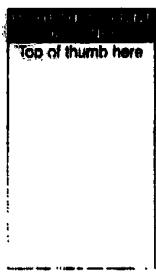
Document Date: 8/25/99 Number of Pages: two

Signer(s) ~~Genevieve Paderes~~ Genevieve DeGuzman PADERES, David Robert LUTHIN, Mark Brian ANDERSON, Harsh N. VAIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name _____

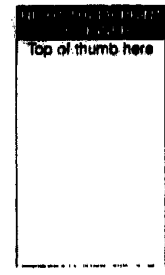
- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

**PATENT
REEL: 010738 FRAME: 0494**

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 26, 1999 before me, Bonnie Acosta, Notary Public

personally appeared Ved P. Pathak

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 my hand and official seal
Bonnie Acosta
Signature of Notary Public

OPTIONAL

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Description of Attached Document

Title or Type of Document: Assignment for Case No. 0059-WO

Document Date 7/25+26/99 Number of Pages: two
Genevieve DeGuzman PADERES, David Robert LUTHIN,

Signer(s) ~~ONE OF THE PARTIES~~ Mark Brian ANDERSON, Hareesh N. VAKIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Individual
 Corporate Officer
 Title(s): _____
 Partner — Limited General
 Attorney-in-Fact
 Trustee
 Guardian or Conservator
 Other: _____

Signer's Name: _____
 Individual
 Corporate Officer
 Title(s): _____
 Partner — Limited General
 Attorney-in-Fact
 Trustee
 Guardian or Conservator
 Other: _____

Signer Is Representing: _____

Signer Is Representing: _____

PATENT
REEL: 010738 FRAME: 0495

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



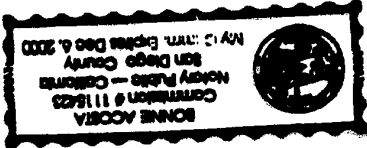
State of California

County of San Diego

On August 25, 1999 before me, Bonnie Acosta, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Lance Christie
Name(s) of Signer(s)

I 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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

OPTIONAL

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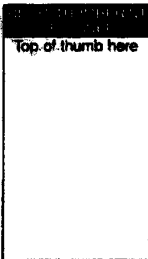
Signer(s) ~~Genevieve DeGuzman PADERES, David Robert LUTIN,~~ Mark Brian ANDERSON, Hareesh N. VAEIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer Is Representing: _____

PATENT
REEL: 010738 FRAME: 0496

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



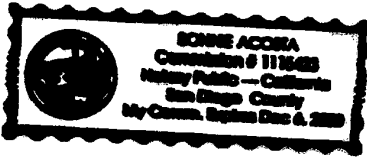
State of California

County of San Diego

On August 25, 1999 before me, Bonnie Acosta, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Yufeng Hong
Name(s) of Signer(s)

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 my hand and official seal:

Bonnie Acosta
Signature of Notary Public

OPTIONAL

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Description of Attached Document

Title or Type of Document: Assignment for Case No. 0059-WO

Document Date: 2/25/99 Number of Pages: two
Genevieve DeGuzman PADERES, David Robert LUTHIN,

Signer(s) ~~Genevieve DeGuzman PADERES, David Robert LUTHIN,~~ Mark Brian ANDERSON, Harsh N. VAKIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 5, 1999 before me, Bonnie Acosta, Notary Public
Date Name and Title of Officer (e.g., Jane Doe, Notary Public)

personally appeared Eileen Tompkins
Name(s) of Signer(s)

personally known to me - OR - ~~X~~ 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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

OPTIONAL

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Description of Attached Document

Title or Type of Document: Assignment for Case No. 0059-WO

Document Date: 8/23/99 Number of Pages: two
Genevieve DeGuzman PADERES, David Robert LUTHIN,

Signer(s) ~~Genevieve DeGuzman PADERES, David Robert LUTHIN,~~ Mark Brian ANDERSON, Haresh N. VAIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

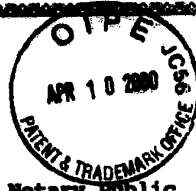
Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



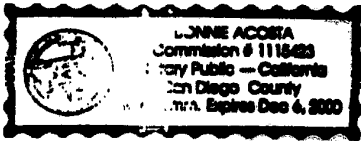
State of California

County of San Diego

On August 30, 1999 before me, Bonnie Acosta, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Walter Li
Name(s) of Signer(s)

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 my hand and official seal.

Bonnie Acosta
Signature of Notary Public

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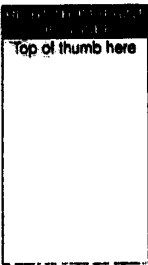
Document Date: 8/25/2009 30/99 Number of Pages: two
Genevieve DeGuzman PADERES, David Robert LUTJIN,

Signer(s) ~~Over the names above:~~ Mark Brian ANDERSON, Haresh N. VAEIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

Signer's Name _____

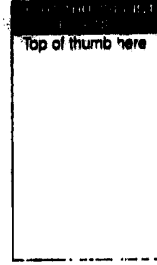
- Individual
- Corporate Officer
- Title(s): _____
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- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer is Representing: _____

Signer's Name: _____

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- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT



State of California

County of San Diego

On August 15, 1999 before me, Bonnie Acosta, Notary Public

personally appeared Jane Faust

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.



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Bonnie Acosta
Signature of Notary Public

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Signer(s) ~~Other than names above:~~ Genevieve DeGuzman PADERES, David Robert LUTHIN, Mark Brian ANDERSON, Haresh N. VAIR, Ved P. PATHAK, Lance Christopher CHRISTIE, Yufeng HONG, Eileen V. TOMPKINS, H. LI, J. FAUST

Capacity(ies) Claimed by Signer(s)

- Signer's Name _____
- Individual
 - Corporate Officer
 - Title(s): _____
 - Partner — Limited General
 - Attorney-in-Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____



Signer Is Representing: _____

- Signer's Name: _____
- Individual
 - Corporate Officer
 - Title(s): _____
 - Partner — Limited General
 - Attorney-in-Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____



Signer Is Representing: _____

RECORDED: 04/10/2000

**PATENT
REEL: 010738 FRAME: 0500**