

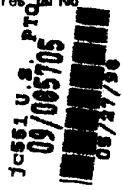
06-08-1998



To the Honorable Commissioner of Pa.

100729554

and original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Sameer S. Haddad Wing H. Leung John Chen Ravi S. Sunkavalli Ravi P. Gutala Jonathan S. Su Vei-Han Chen Colin S. Bill</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Advanced Micro Devices One AMD Place P.O. Box 3453 Sunnyvale, CA 94088-3453</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date <u>4/20/98, 4/30/98, 5/4/98, 5/11/98, 5/18/98, 5/19/98</u></p>	

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 4/20/98, 4/30/98, 5/4/98, 5/11/98, 5/18/98, 5/19/98

A. Patent Application No.(s)	B. Patent No.(s)
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>DAVID G. ALEXANDER BRONSON, BRONSON & McKINNON LLP 444 S. FLOWER STREET, 24TH FLOOR LOS ANGELES, CALIFORNIA 90071-2925</p>	<p>6. Total number of applications and patents involved: [1]</p> <hr/> <p>7. Total fee (37 CFR 3.41).....\$ 40.00 <u>E</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 02-3975</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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06/05/1998 DCDATES 00000136 07005705
01 FC:501 40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

David G. Alexander, Reg. No. 28.176 David G. Alexander May 27, 1998
Signature Date

Total number of pages including cover sheet, attachments and document: [31]

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

WHEREAS, we, Sameer S. Haddad, residing at 16277 Blossom Ave., San Jose, CA 95123, Wing H. Leung, residing at 1246 Briarcreek Ct., San Jose, CA 95131, John Chen, residing at 10401 Cherry Tree Ln., Cupertino, CA 95014, Ravi S. Sunkavalli, residing at 400 Riverside Ct., #205, Santa Clara, CA 95054, Ravi P. Gutala, residing at 3650 Buckley St., #201, Santa Clara, CA 95051, Jonathan S. Su, residing at 1915 Maple Avenue, #301, Evanston, IL 60201, Vei-Han Chen, residing at 1078 Huntingdon Drive, San Jose, CA 95129, and Colin S. Bill, residing at 1384 Rosegarden Lane, Cupertino, CA 95014, the undersigned inventors and ASSIGNORS herein, have invented a **METHOD FOR PROGRAMMING FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ-ONLY MEMORY (EEPROM)** for which we are about to file application for Letters Patent of the United States, which application has been executed by us concurrently herewith this day and year and of which inventions and improvements we are the sole owners; and

710 Nido Dr. #113, Campbell, CA 95008 law

1212
Gingerwood
Drive,
Milpitas
CA 95035
A.

WHEREAS, ADVANCED MICRO DEVICES, a corporation organized and existing under the laws of the State of Delaware, having a place of business at One AMD Place, P.O. Box 3453, Sunnvale, CA 94088-3453, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to applications and patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to us paid, and other valuable consideration, the receipt and legal sufficiency of all of which is hereby acknowledged, we, the said ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and

all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Dated March, 17, 98 Sameer S. Haddad.
Sameer S. Haddad

Dated March 7, 98 Wing H. Leung
Wing H. Leung

Dated May 19, 1998 John Chen
John Chen

Dated March 17, 1998 Ravi S. Sunkavalli
Ravi S. Sunkavalli

Dated Mar 24, 1998 Ravi P. Gutala
Ravi P. Gutala

Dated _____ Jonathan S. Su
Jonathan S. Su

Dated _____ Vei-Han Chen
Vei-Han Chen

Dated April 30th 1998 Colin S. Bill
Colin S. Bill

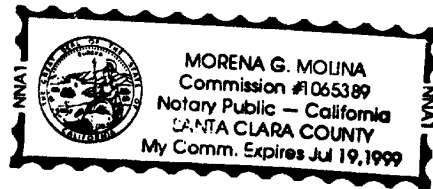
State of California

County of Santa Clara

On March 17, 1998 before me, Morena G. Molina, Notary Public, personally appeared Sameer S. Haddad, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



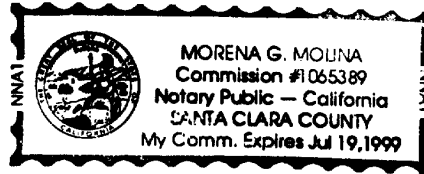
State of California

County of Santa Clara

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Signature of Notary Public



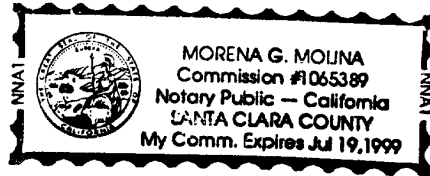
State of California

County of Santa Clara

On May 17, 1998 before me, Morena G. Molina Notary Public, personally appeared John Chen, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



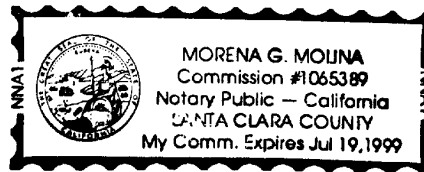
State of California

County of Santa Clara

On March 17, 1999 before me, Morena G. Molina, Notary Public, personally appeared Ravi S. Sunkavalli, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



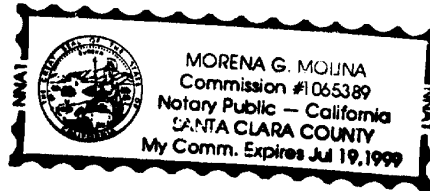
State of California

County of Santa Clara

On March 24, 1998 before me, Morena G. Molina, Notary Public, personally appeared Ravi P. Gutala, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



State of Illinois

County of Cook

On _____ before me, _____, personally appeared Jonathan S. Su, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

State of California

County of Santa Clara

On _____ before me, _____, personally appeared Vei-Han Chen, 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 acted, executed the instrument.

WITNESS my hand and official seal.

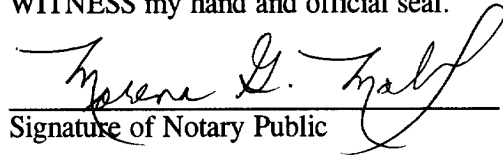
Signature of Notary Public

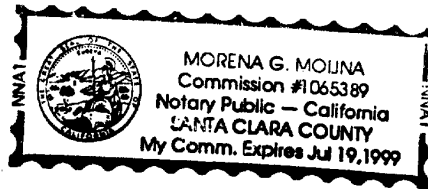
State of California

County of Santa Clara

On April 30, 1998 before me, Morena G. Molina, Notary Public personally appeared Colin S. Bill, 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 acted, executed the instrument.

WITNESS my hand and official seal.


Signature of Notary Public



ASSIGNMENT

WHEREAS, we, Sameer S. Haddad, residing at 16277 Blossom Ave., San Jose, CA 95123, Wing H. Leung, residing at 1246 Briarcreek Ct., San Jose, CA 95131, John Chen, residing at 10401 Cherry Tree Ln., Cupertino, CA 95014, Ravi S. Sunkavalli, residing at 400 Riverside Ct., #205, Santa Clara, CA 95054, Ravi P. Gutala, residing at 3650 Buckley St., #201, Santa Clara, CA 95051, Jonathan S. Su, residing at 1915 Maple Avenue, #301, Evanston, IL 60201, Vei-Han Chen, residing at 1078 Huntingdon Drive, San Jose, CA 95129, and Colin S. Bill, residing at 1384 Rosegarden Lane, Cupertino, CA 95014, the undersigned inventors and ASSIGNORS herein, have invented a **METHOD FOR PROGRAMMING FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ-ONLY MEMORY (EEPROM)** for which we are about to file application for Letters Patent of the United States, which application has been executed by us concurrently herewith this day and year and of which inventions and improvements we are the sole owners; and

→ 710 Nisib Dr. #113, Campbell, CA 95008 land

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A.

WHEREAS, ADVANCED MICRO DEVICES, a corporation organized and existing under the laws of the State of Delaware, having a place of business at One AMD Place, P.O. Box 3453, Sunnvale, CA 94088-3453, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to applications and patent to be granted and issued thereon;

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PATENT

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all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Dated March, 17, 98

Sameer S. Haddad
Sameer S. Haddad

Dated March 7, 98

Wing H. Leung
Wing H. Leung

Dated _____

John Chen

Dated March 17, 1998

Ravi S. Sunkavalli
Ravi S. Sunkavalli

Dated Mar 24, 1998

Ravi P. Gutala
Ravi P. Gutala

Dated April 13, 1998

Jonathan S. Su
Jonathan S. Su

Dated _____

Vei-Han Chen

Dated _____

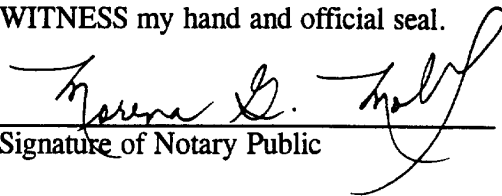
Colin S. Bill

State of California

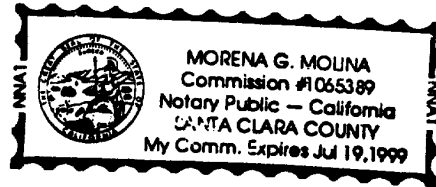
County of Santa Clara

On March 17, 1998 before me, Morena G. Molina, Notary Public, personally appeared Sameer S. Haddad, 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 acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public



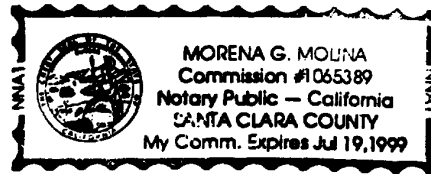
State of California

County of Santa Clara

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WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



State of California

County of Santa Clara

On _____ before me, _____, personally appeared John Chen, 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 acted, executed the instrument.

WITNESS my hand and official seal.

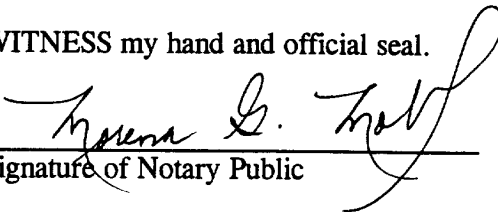
Signature of Notary Public

State of California

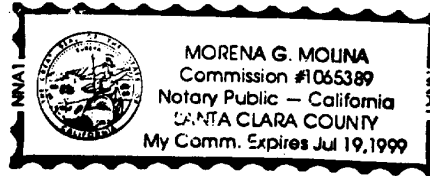
County of Santa Clara

On March 17, 1999 before me, Morena G. Molina, Notary Public, personally appeared Ravi S. Sunkavalli, 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 acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public



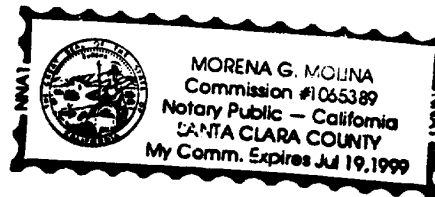
State of California

County of Santa Clara

On March 24, 1998 before me, Morena G. Molina, Notary Public, personally appeared Ravi P. Gutala, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



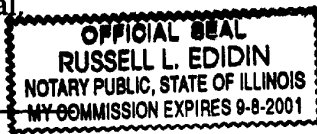
State of Illinois

County of Cook

On April 13, 1998 before me, Jonathan Su, personally appeared Jonathan S. Su, 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 acted, executed the instrument.

WITNESS my hand and official seal

Russell L. Edidin
Signature of Notary Public



State of California

County of Santa Clara

On _____ before me, _____, personally appeared Vei-Han Chen, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

State of California

County of Santa Clara

On _____ before me, _____, personally appeared Colin S. Bill, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

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Dated March, 17, 98

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Sameer S. Haddad

Dated March 7, 98

Wing H. Leung
Wing H. Leung

Dated _____

John Chen

Dated March 17, 1998

Ravi S. Sunkavalli
Ravi S. Sunkavalli

Dated Mar 24, 1998

Ravi P. Gutala
Ravi P. Gutala

Dated _____

Jonathan S. Su

Dated 5/4/98

Vei-Han Chen
Vei-Han Chen

Dated _____

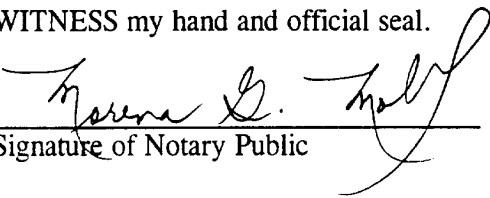
Colin S. Bill

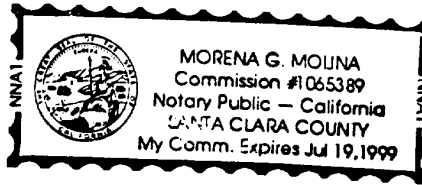
State of California

County of Santa Clara

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Signature of Notary Public



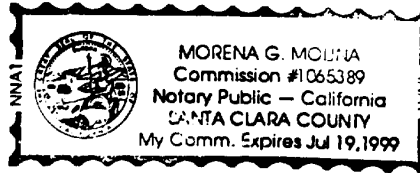
State of California

County of Santa Clara

On March 17, 1998 before me, Morena G. Molina, Notary Public, personally appeared Wing H. Leung, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Morena G. Molina
Signature of Notary Public



State of California

County of Santa Clara

On _____ before me, _____, personally appeared John Chen, 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 acted, executed the instrument.

WITNESS my hand and official seal.

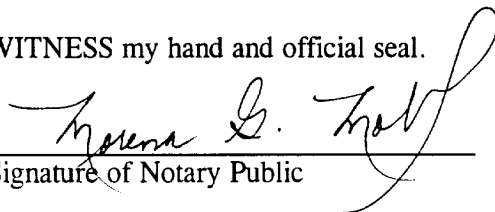
Signature of Notary Public

State of California

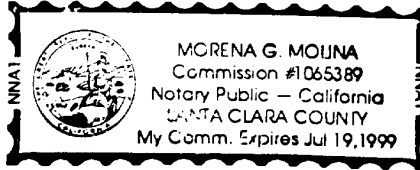
County of Santa Clara

On March 17, 1999 before me, Morena G. Molina, Notary Public, personally appeared Ravi S. Sunkavalli, 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 acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public

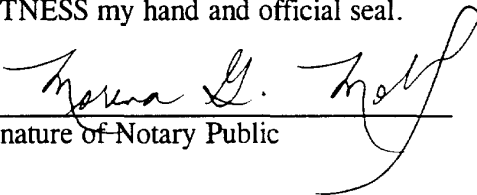


State of California

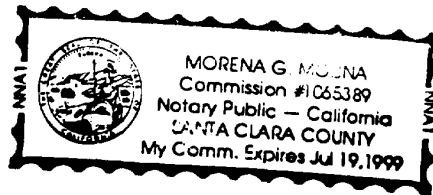
County of Santa Clara

On March 24, 1998 before me, Morena G. Molina, Notary Public, personally appeared Ravi P. Gutala, 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 acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public



State of Illinois

County of Cook

On _____ before me, _____, personally appeared Jonathan S. Su, 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 acted, executed the instrument.

WITNESS my hand and official seal.

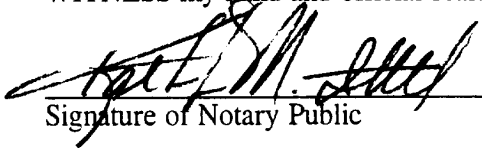
Signature of Notary Public

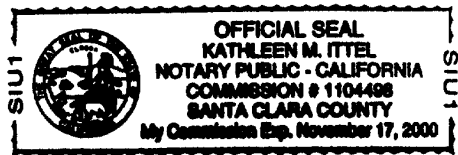
State of California

County of Santa Clara

On MAY 04, 1998 before me, KATHLEEN M. ITTEL, personally appeared Vei-Han Chen, ~~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 acted, executed the instrument.

WITNESS my hand and official seal.


Signature of Notary Public



State of California

County of Santa Clara

On _____ before me, _____, personally appeared Colin S. Bill, 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 acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public