

02-25-1999

Docket No.: KPN97-04A3

RECOI



HEET

100973154

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

## 1. Name of conveying party(ies)

1. Matthew Zavracky; 2. Frederick P. Hermann;  
3. Wen-Foo Chern; 4. Hiap L. Ong; 5. John C.C. Fan  
6. Bor-Yeu Tsaur; 7. Alan Richard; 8. Ron Gale  
9. Jason Lo; 10. Stephen A. Pombo;  
11. Rodney Bumgardner

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 1. 12/9/98; 2. 10/30/98; 3. 12/9/98; 4. 2/5/99;  
5. 12/9/98; 6. 12/16/98; 7. 12/8/98; 8. 12/8/98;  
9. 12/18/98; 10. 10/29/98; 11. 10/29/98

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

Name: Kopin Corporation

Internal Address: \_\_\_\_\_

Street Address: 695 Myles Standish BoulevardMyles Standish Industrial ParkCity: Taunton State: MA ZIP: 02780Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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: \_\_\_\_\_

A. Patent Application No.(s)

09/153,744

B. Patent No.(s)

02/24/1999 SBURNS 00000041 09153744

01 FEB 581

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas O. Hoover

Internal Address: \_\_\_\_\_

Hamilton, Brook, Smith & Reynolds, P.C.Street Address: Two Militia DriveCity: Lexington State: MA ZIP: 02421-47996. Total number of applications and patents involved: ☐ 17. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

☒ Enclosed  
☒ Authorized to charge any deficiencies or credit any  
overpayment to deposit account  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

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.

Raymond I. Bruttomesso, Jr.

Name of Person Signing

  
SignatureFebruary 18, 1999

Date

Total number of pages including cover sheet, attachments, and document: ☐ 22

PATENT  
REEL: 9776 FRAME: 0661

JointASSIGNMENT

WHEREAS, we, Matthew Zavracky, Jeffrey Jacobsen, Frederick P. Herrmann, Wen-Foo Chern, Hiap L. Ong, John C.C. Fan, Bor-Yeu Tsaur, Alan Richard, Ron Gale, Jason Lo, Steve Pombo and Rodney Bumgardner, have invented a certain improvement in Portable Microdisplay System described in an application for Letters Patent of the United States, the specification of which:

- ☐ is about to be filed in the United States Patent Office;
- ☒ was filed on September 15, 1998 as Application No. 09/153,744;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, Kopin Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 695 Myles Standish Boulevard, Myles Standish Industrial Park, Taunton, Massachusetts, 02780 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: Matthew Zavracky  
Matthew Zavracky

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named Matthew Zavracky and acknowledged that he executed the foregoing instrument as his free act and deed this 9th day of December, 1998.

(SEAL) Nickie Pelczar Notary Public  
NICKIE B. PELCZAR (print name)  
Notary Public  
My Commission Expires May 14, 2004 / \_\_ / \_\_

Inventor: \_\_\_\_\_  
Jeffrey Jacobsen

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Jeffrey Jacobsen and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Frederick P. Herrmann

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Frederick P. Herrmann and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Wen-Foo Chern

State/Commonwealth

of Massachusetts

County of Bristol

Then personally appeared before me the above-named Wen-Foo Chern and acknowledged that he executed the foregoing instrument as his free act and deed this 9th day of December, 1998.


Nickie Pelczar Notary Public

(SEAL)

NICKIE B. PELCZAR

\_\_\_\_\_  
(print name)

My Commission Expires May 14, 2004  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

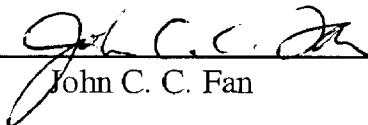
Inventor   
Hiap L. Ong

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named Hiap L. Ong and acknowledged that he executed the foregoing instrument as his free act and deed this 5<sup>th</sup> day of February, 1998.  
1999

(SEAL)

Nickie Pelgar Notary Public  
NICKIE B. PELCZAR (print name)  
Notary Public  
My Commission expires May 14, 2004 /    /   

Inventor:   
John C. C. Fan

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named John C.C. Fan and acknowledged that he executed the foregoing instrument as his free act and deed this 9<sup>th</sup> day of December, 1998.

(SEAL)

Nickie Pelgar Notary Public  
NICKIE B. PELCZAR (print name)  
Notary Public  
My Commission Expires May 14, 2004  
My Commission expires    /    /

Inventor: Bor-Yeu Tsaur  
Bor-Yeu Tsaur

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named Bor-Yeu Tsaur and acknowledged  
that he executed the foregoing instrument as his free act and deed this 16<sup>th</sup>  
day of December, 1998.

Nickie Pelczar Notary Public

(SEAL)

NICKIE B. PELCZAR (print name)  
My Commission Expires May 14, 2004

Inventor: Alan Richard  
Alan Richard

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named Alan Richard and acknowledged that  
he executed the foregoing instrument as his free act and deed this 8<sup>th</sup> day of  
December, 1998.

Nickie Pelczar Notary Public

(SEAL)

NICKIE B. PELCZAR (print name)  
My Commission Expires May 14, 2004

Inventor: Ronald P. Gale  
Ron Gale

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named Ron Gale and acknowledged that he executed the foregoing instrument as his free act and deed this 8<sup>th</sup> day of December, 1998.

(SEAL) Nickie Pelczar Notary Public  
NICKIE B. PELCZAR (print name)  
Notary Public  
My Commission Expires May 14, 2004

Inventor: Jason Lo  
Jason Lo

State/Commonwealth  
of Massachusetts  
County of Bristol

Then personally appeared before me the above-named Jason Lo and acknowledged that he executed the foregoing instrument as his free act and deed this 18<sup>th</sup> day of December, 1998.

(SEAL) Nickie Pelczar Notary Public  
NICKIE B. PELCZAR (print name)  
Notary Public  
My Commission Expires May 14, 2004

Inventor: \_\_\_\_\_

Steve Pombo

State of California )  
County of \_\_\_\_\_ )

On \_\_\_\_\_  
Date

before me, \_\_\_\_\_,  
Name, Title of Officer - eg., "Jane Doe, Notary Public"

personally appeared, \_\_\_\_\_ 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 executed the same in his authorized  
capacity, and that by his signature on the instrument the person, or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_(SEAL)  
Notary Public Signature

**OPTIONAL INFORMATION**

TITLE OR TYPE OF DOCUMENT \_\_\_\_\_  
DATE OF DOCUMENT \_\_\_\_\_ NUMBER OF PAGES \_\_\_\_\_  
SIGNER(S) OTHER THAN NAMED ABOVE \_\_\_\_\_

Inventor: \_\_\_\_\_

Rodney Bumgardner

State of California )  
County of \_\_\_\_\_ )

On \_\_\_\_\_  
Date

before me, \_\_\_\_\_,  
Name, Title of Officer - eg., "Jane Doe, Notary Public"

personally appeared, \_\_\_\_\_ 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 executed the same in his authorized  
capacity, and that by his signature on the instrument the person, or the entity upon behalf of  
which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_(SEAL)  
Notary Public Signature

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SIGNER(S) OTHER THAN NAMED ABOVE \_\_\_\_\_



JointASSIGNMENT

WHEREAS, we, Matthew Zavracky, Jeffrey Jacobsen, Frederick P. Herrmann, Wen-Foo Chern, Hiap L. Ong, John C.C. Fan, Bor-Yeu Tsaor, Alan Richard, Ron Gale, Jason Lo, Steve Pombo and Rodney Bumgardner, have invented a certain improvement in Portable Microdisplay System described in an application for Letters Patent of the United States, the specification of which:

- ☐ is about to be filed in the United States Patent Office;
- ☒ was filed on September 15, 1998 as Application No. 09/153,744;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, Kopin Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 695 Myles Standish Boulevard, Myles Standish Industrial Park, Taunton, Massachusetts, 02780 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: \_\_\_\_\_  
Matthew Zavracky

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Matthew Zavracky and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_  
Jeffrey Jacobsen

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Jeffrey Jacobsen and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: Frederick P. Herrmann  
Frederick P. Herrmann

State/Commonwealth  
of Michigan  
County of Washtenaw

Then personally appeared before me the above-named Frederick P. Herrmann and  
acknowledged that he executed the foregoing instrument as his free act and deed this 30<sup>TH</sup>  
\_\_\_\_\_ day of OCTOBER, 1998.

(SEAL) Dianne Shehan Notary Public  
DIANNE SHEHAN  
Notary Public, Washtenaw County, MI (print name)  
~~My Commission Expires 06-01-99~~  
My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Inventor: \_\_\_\_\_  
Wen-Foo Chern

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Wen-Foo Chern and acknowledged  
that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_  
day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_ (print name)  
My Commission expires \_\_\_ / \_\_\_ / \_\_\_

Inventor \_\_\_\_\_  
Hiap L. Ong

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Hiap L. Ong and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_  
John C. C. Fan

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named John C.C. Fan and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Bor-Yeu Tsaaur

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Bor-Yeu Tsaaur and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL)

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Alan Richard

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Alan Richard and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL)

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Ron Gale

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Ron Gale and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Jason Lo

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Jason Lo and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Steve Pombo

State of California )

County of \_\_\_\_\_ )

On \_\_\_\_\_  
Date

before me, \_\_\_\_\_,  
Name, Title of Officer - eg., "Jane Doe, Notary Public"

personally appeared, \_\_\_\_\_ 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_(SEAL)

Notary Public Signature

OPTIONAL INFORMATION

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DATE OF DOCUMENT \_\_\_\_\_ NUMBER OF PAGES \_\_\_\_\_

SIGNER(S) OTHER THAN NAMED ABOVE \_\_\_\_\_

Inventor: \_\_\_\_\_

Rodney Bumgardner

State of California )

County of \_\_\_\_\_ )

On \_\_\_\_\_  
Date

before me, \_\_\_\_\_,  
Name, Title of Officer - eg., "Jane Doe, Notary Public"

personally appeared, \_\_\_\_\_ 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_(SEAL)

Notary Public Signature

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JointASSIGNMENT

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- ☒ was filed on September 15, 1998 as Application No. 09/153,744;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;



AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: \_\_\_\_\_  
Matthew Zavracky

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Matthew Zavracky and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_  
Jeffrey Jacobsen

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

Then personally appeared before me the above-named Jeffrey Jacobsen and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Frederick P. Herrmann

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Frederick P. Herrmann and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Wen-Foo Chern

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Wen-Foo Chern and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor \_\_\_\_\_  
Hiap L. Ong

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

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(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_  
John C. C. Fan

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

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(SEAL) \_\_\_\_\_ Notary Public  
\_\_\_\_\_(print name)  
My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Bor-Yeu Tsaaur

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

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\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Alan Richard

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Alan Richard and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Ron Gale

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Ron Gale and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor: \_\_\_\_\_

Jason Lo

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

Then personally appeared before me the above-named Jason Lo and acknowledged that he executed the foregoing instrument as his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 1998.

\_\_\_\_\_  
Notary Public

(SEAL)

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Inventor:

Steve Pombo

Steve Pombo

STEPHEN A. POMBO

GP 10/29/98

State of California )

County of Santa Clara )

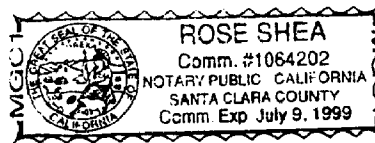
On 10-29-98  
Date

before me, Rose Shea,  
Name, Title of Officer - eg., "Jane Doe, Notary Public"

personally appeared, Stephen A. Pombo 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Rose Shea (SEAL)  
Notary Public Signature



OPTIONAL INFORMATION

TITLE OR TYPE OF DOCUMENT \_\_\_\_\_  
DATE OF DOCUMENT \_\_\_\_\_ NUMBER OF PAGES \_\_\_\_\_  
SIGNER(S) OTHER THAN NAMED ABOVE \_\_\_\_\_

Inventor: Rodney Bumgardner  
Rodney Bumgardner

State of California )

County of Santa Clara )

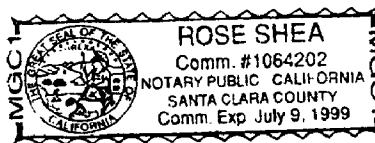
On 10-29-98  
Date

before me, Rose Shea,  
Name, Title of Officer - eg., "Jane Doe, Notary Public"

personally appeared, Rodney Bumgardner 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Rose Shea (SEAL)  
Notary Public Signature



OPTIONAL INFORMATION

TITLE OR TYPE OF DOCUMENT \_\_\_\_\_  
DATE OF DOCUMENT \_\_\_\_\_ NUMBER OF PAGES \_\_\_\_\_  
SIGNER(S) OTHER THAN NAMED ABOVE \_\_\_\_\_