

08-08-2000



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

1. Name of conveying parties:

MATTHEW ROSS, HEIKE THOMPSON AND
JINGJUN YANG

Additional name(s) & party(ies) attached? Yes No

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

Name: Electron Vision Corporation

Internal Address: _____

Street Address: _____

10119 Carroll Canyon Road

City: San Diego State: NJ Zip: 92131

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 19, 20 and 24, 2000

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: July 19, 20 and 24, 2000

A. Patent Application No.(s)
09/506,515 filed February 17, 2000

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Richard S. Roberts

Internal Address: Roberts & Mercanti, L.L.P.

Street Address: P.O. Box 484

City: Princeton State: NJ Zip: 08542

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$ 80.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: _____

(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.

Richard S. Roberts

Name of Person Signing

Signature

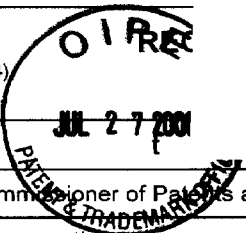
July 25, 2000

Date

Total number of pages including cover sheet, attachments, and document: 5

**Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assianments**

**PATENT
REEL: 010966 FRAME: 0723**



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ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell 30-4933(4020)
File

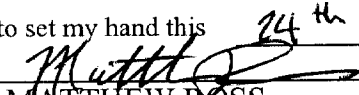
WHEREAS, MATTHEW ROSS, HEIKE THOMPSON AND JINGJUN YANG
(hereinafter "Assignor") have invented certain new and useful improvements in
ELECTRON BEAM MODIFICATION OF CVD DEPOSITED LOW DIELECTRIC
CONSTANT MATERIALS

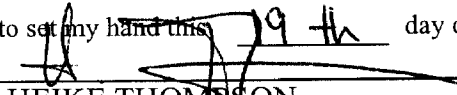
(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF
THE UNITED STATES, which application has been duly executed by Assignor on
the day(s) and date(s) of these presents.

AND WHEREAS, ELECTRON VISION CORPORATION, a corporation organized and existing under the laws
of the State of California, U.S.A., having a place of business at 10119 Carroll Canyon Road, San Diego, California,
92131, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said
invention within the United States of America and its territorial possessions and all foreign countries and any United States
or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is
hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said
Assignee the entire right, title and interest in and to the said invention, within the United States of America and its
territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign
countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues,
continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in
foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by
treaty, including any international convention, for the protection of industrial property, together with the right to extend the
protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter
acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and
benefit, and for the use and benefit of its successors or assigns, 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 and enjoyed by Assignor if this
assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents
and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

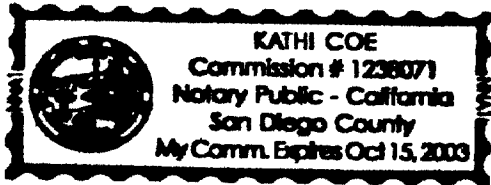
Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the
invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will,
without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and
just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining,
sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said
invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly
in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of July, 2000

MATTHEW ROSS

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29th day of July, 2000

HEIKE THOMPSON

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2000

JINGJUN YANG



STATE OF CALIFORNIA)
COUNTY OF San Diego) ss.:

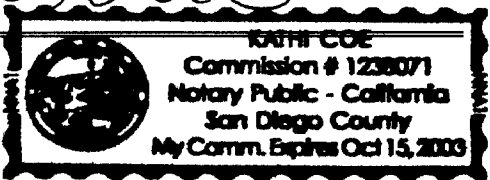
On this 24th day of July, 2000 before me personally appeared

MATTHEW ROSS

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he acknowledged to me that he executed the same.

[SEAL]

Kathi Coe
October 15, 2003 Notary Public
My commission expires:



STATE OF CALIFORNIA)
COUNTY OF San Diego) ss.:

On this 19th day of July, 2000 before me personally appeared

HEIKE THOMPSON

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and she acknowledged to me that she executed the same.

[SEAL]

Kathi Coe
October 15, 2003 Notary Public
My commission expires:

STATE OF NORTH CAROLINA)
COUNTY OF) ss.:

On this day of 2000 before me personally appeared

JINGJUN YANG

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and he acknowledged to me that he executed the same.

[SEAL]

Notary Public
My commission expires:

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell 30-4933(4020)
File

WHEREAS, MATTHEW ROSS, HEIKE THOMPSON AND JINGJUN YANG

(hereinafter "Assignor") have invented certain new and useful improvements in

ELECTRON BEAM MODIFICATION OF CVD DEPOSITED LOW DIELECTRIC
CONSTANT MATERIALS

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF
THE UNITED STATES, which application has been duly executed by Assignor on
the day(s) and date(s) of these presents.

AND WHEREAS, ELECTRON VISION CORPORATION, a corporation organized and existing under the laws
of the State of California, U.S.A., having a place of business at 10119 Carroll Canyon Road, San Diego, California, 92131,
U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention
within the United States of America and its territorial possessions and all foreign countries and any United States or foreign
LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is
hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said
Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial
possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries,
including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and
extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with
full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any
international convention, for the protection of industrial property, together with the right to extend the protection of said
U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the
United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use
and benefit of its successors or assigns, 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 and enjoyed by Assignor if this assignment and sale had not been made.
And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S.
LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the
invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will,
without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and
just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining,
sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said
invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in
cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2000

MATTHEW ROSS

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2000

HEIKE THOMPSON

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of July, 2000

Jingjun Yang
JINGJUN YANG

STATE OF CALIFORNIA)
) SS.:
COUNTY OF _____)

On this _____ day of _____, 2000 before me personally appeared

MATTHEW ROSS

to me known and known to me to be the individual _____ described in and who executed the foregoing instrument,
and _____ he _____ acknowledged to me that _____ he _____ executed the same.

[SEAL]

Notary Public

My commission expires: _____

STATE OF CALIFORNIA)
) SS.:
COUNTY OF _____)

On this _____ day of _____, 2000 before me personally appeared

HEIKE THOMPSON

to me known and known to me to be the individual _____ described in and who executed the foregoing instrument,
and _____ he _____ acknowledged to me that _____ he _____ executed the same.

[SEAL]

Notary Public

My commission expires: _____

STATE OF NORTH CAROLINA)
) SS.:
COUNTY OF Durham)

On this 20 day of July, 2000 before me personally appeared

to me known and known to me to be the individual described in and who executed the foregoing instrument,
and _____ he acknowledged to me that _____ he executed the same.

[SEAL]

Sandra H. Helms

Notary Public

My commission expires: 1-31-2003

