

08-13-2001

Docket No.: KD-00-001/2/3

FORM 1595 (Modified)
(Rev. 8-95)
OMB No. 0851-0011 (exp. 4/94)
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Patent and Trademark Office



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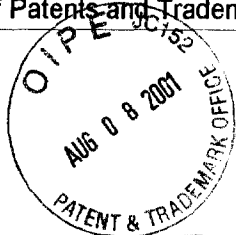
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xiao-Yang Huang
Nick Martin Miller IV

8-801



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

Name: Manning Ventures, Inc.

Internal Address: _____

Street Address: 26677 W. 12 Mile RoadCity: Southfield State: MI ZIP: 48034Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: 07/27/2001

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

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

A. Patent Application No.(s)

09/836,319

09/836,329

09/836,640

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Raymond H. J. Powell, Jr.

Internal Address: _____

Street Address: WESTERLUND · POWELL, P.C.122 N. Alfred StreetCity: AlexandriaState: VAZIP: 223146. Total number of applications and patents involved: 37. Total fee (37 CFR 3.41):.....\$ 120.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

16-2372

08/13/2001 REMEDI 00000063 162372 09/836319

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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.

R. H. J. Powell, Jr. (Reg. No. 34,231)

08/08/2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 11 **PATENT**

REEL: 012053 FRAME: 0151

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
KD-00-001US

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☒ *United States Patent Application Serial No.* 09/836,319

Date of Execution: 04/16/2001

Date of Filing: 04/18/2001

- ☐ *United States Provisional Patent Application Serial No.* _____
☐ *United States Patent No(s).* _____
☐ *International (PCT) Patent Application Serial No.* _____
☐ *Other (specify)* _____

Title of the Invention

ACTIVE MATRIX ADDRESSED BISTABLE REFLECTIVE CHOLESTERIC DISPLAYS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Xiao-Yang Huang	4622 Dresher Trail, Stow, OH 44224
Nick Martin Miller IV	3512 Industry Rd., Rootstown, OH 44272

Assignee

<i>Name</i>	<i>Address</i>
MANNING VENTURES, INC	26677 W . 12 Mile Road Southfield MI 48034-1514

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
KD-00-001US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

<i>Name</i>	<i>Signature/Date</i>
Xiao-Yang Huang	
Nick Martin Miller IV	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
KD-00-001US

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 27 day of July, in the year 2001

at
343 Portage Blvd.
Kent

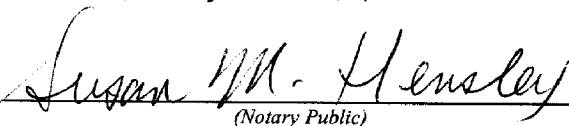
State of OHIO

County of Portage

Before me personally appeared Xiao-Yang Huang

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 27th day of July, in the year 2001


(Signature of Inventor)


(Notary Public)

Executed this 27 day of July, in the year 2001

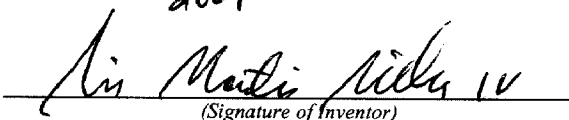
at
343 Portage Blvd.
Kent

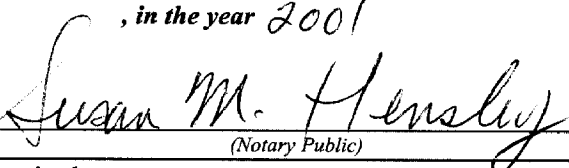
State of OHIO

County of Portage

Before me personally appeared Nick Martin Miller IV

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 27th day of July, in the year 2001


(Signature of Inventor)


(Notary Public)

Executed this day of, in the year

at

State of

County of

Before me personally appeared

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(Signature of Inventor)

(Notary Public)

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
KD-00-002US

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☒ *United States Patent Application Serial No.* 09/836,640

Date of Execution: 04/16/2001

Date of Filing: 04/18/2001

- ☐ *United States Provisional Patent Application Serial No.* _____
☐ *United States Patent No(s).* _____
☐ *International (PCT) Patent Application Serial No.* _____
☐ *Other (specify)* _____

Title of the Invention

GRAPHIC CONTROLLER FOR ACTIVE MATRIX ADDRESSED BISTABLE REFLECTIVE CHOLESTERIC DISPLAYS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Xiao-Yang Huang	4622 Dresher Trail, Stow, OH 44224
Nick Martin Miller IV	3512 Industry Rd., Rootstown, OH 44272

Assignee

<i>Name</i>	<i>Address</i>
MANNING VENTURES, INC	26677 W . 12 Mile Road Southfield MI 48034-1514

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
KD-00-002US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

<i>Name</i>	<i>Signature/Date</i>
Xiao-Yang Huang	
Nick Martin Miller IV	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
KD-00-002US

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 27 day of July, in the year 2001

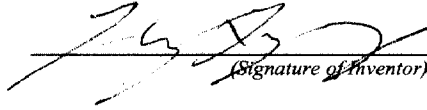
at
343 Portage Blvd.
Kent

State of OHIO

County of Portage

Before me personally appeared Xiao-Yang Huang

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 27th day of July, in the year 2001


(Signature of Inventor)


(Notary Public)

Executed this 27 day of July, in the year 2001

at
Kent Displays, Inc.
343 Portage Blvd.
Kent

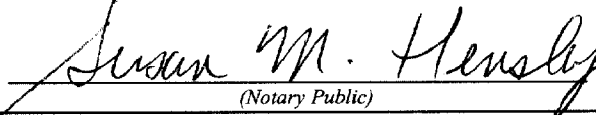
State of OHIO

County of Portage

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(Signature of Inventor)


(Notary Public)

Executed this day of, in the year

at

State of

County of

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(Signature of Inventor)

(Notary Public)

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
KD-00-003US

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ *United States of America rights, title and interest in the invention*
☒ *Foreign rights, title and interest in the invention*
☒ *United States Patent Application Serial No.* 09/836,329

Date of Execution: 04/16/2001

Date of Filing: 04/18/2001

- ☐ *United States Provisional Patent Application Serial No.* _____
☐ *United States Patent No(s).* _____
☐ *International (PCT) Patent Application Serial No.* _____
☐ *Other (specify)* _____

Title of the Invention

OPERATING METHOD FOR ACTIVE MATRIX ADDRESSED BISTABLE REFLECTIVE CHOLESTERIC DISPLAYS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Xiao-Yang Huang	4622 Dresher Trail, Stow, OH 44224
Nick Martin Miller IV	3512 Industry Rd., Rootstown, OH 44272

Assignee

<i>Name</i>	<i>Address</i>
MANNING VENTURES, INC	26677 W . 12 Mile Road Southfield MI 48034-1514

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
KD-00-003US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

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Nick Martin Miller IV	

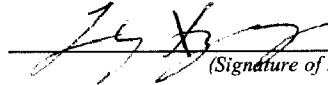
Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
KD-00-003US

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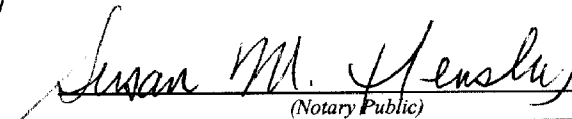
Executed this 27 day of July, in the year 2001
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Kent.


(Signature of Inventor)

State of OHIO

County of Portage

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(Notary Public)

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Kent


(Signature of Inventor)

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County of Portage

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