

06-05-2002

Docket No.: 50060-00046

HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



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102111369

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

1. Name of conveying party(ies):

SAMUEL LEE MILLER  
STEPHEN MATTHEW BARNES  
MURRAY STEVEN RODGERS

5.3.02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 5/14/02; 5/16/02

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

Name: MEMX, INC.

Address: 5600 WYOMING BLVD. NE, SUITE 20

City: ALBUQUERQUE

State/Prov.: NM

Country: USA

ZIP: 87109

Additional name(s) & address(es)

☐ Yes ☒ No

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

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

Patent Application No.

Filing date

B. Patent No.(s)

10/099,465

3/14/02

Additional numbers

☐ Yes ☒ No

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

Name: JAMES L. JOHNSON

Registration No. 34,193

Address: MARSH FISCHMANN & BREYFOGLE LLP

3151 SOUTH VAUGHN WAY, SUITE 411

City: AURORA

State/Prov.: CO

Country: USA

ZIP: 80014

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1419

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

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.

JAMES L. JOHNSON

Name of Person Signing

*James L. Johnson*  
Signature

5/22/02

Date

Total number of pages including cover sheet, attachments, and

5

PATENT

REEL: 012943 FRAME: 0462

FINANCE SECTION

MAY 23 PM 1:47

06/05/2002 MILLER 0000044 1000465

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

Docket No.  
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*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.* 10/099,465

*Date of Execution:* \_\_\_\_\_

*Date of Filing:* 3/14/02

☐ *United States Provisional Patent Application Serial No.* \_\_\_\_\_

☐ *United States Patent No(s).* \_\_\_\_\_

☐ *International (PCT) Patent Application Serial No.* \_\_\_\_\_

☐ *Other (specify)* \_\_\_\_\_

***Title of the Invention***

MICROELECTROMECHANICAL SYSTEM & METHOD FOR PRODUCING DISPLACEMENT MULTIPLICATION

***Inventors (assignors)***

<i>Name</i>	<i>Address</i>
SAMUEL LEE MILLER	1524 EAGLE RIDGE DRIVE NE, ALBUQUERQUE, NM 87122
STEPHEN MATTHEW BARNES	12420 RAINIER WAY NE, ALBUQUERQUE, NM 87111
MURRAY STEVEN RODGERS	12216 PAPAYA CT. NE, ALBUQUERQUE, NM 87111

***Assignee***

<i>Name</i>	<i>Address</i>
MEMX, INC.	5600 WYOMING BLVD. NE, SUITE 20, ALBUQUERQUE, NM 87109

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

Docket No.  
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*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)*

Name	Signature/Date
SAMUEL LEE MILLER	
STEPHEN MATTHEW BARNES	
MURRAY STEVEN RODGERS	

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

Docket No.  
50060-00046

Notarization

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

Executed this 14<sup>th</sup> day of May, in the year 2002  
at

State of New Mexico  
County of Bernalillo

Before me personally appeared SAMUEL LEE MILLER

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 14<sup>th</sup> day of May, in the year 2002

Samuel Lee Miller

(Signature of Inventor)



OFFICIAL SEAL

CHERYL A. HART

NOTARY PUBLIC - MEXICO

NOTARY BOND FILED WITH SECRETARY OF STATE

My Commission Expires 5-25-05

Cheryl A Hart

(Notary Public)

Executed this 14 day of May, in the year 2002  
at First State Bank

State of New Mexico  
County of Bernalillo

Before me personally appeared STEPHEN MATTHEW BARNES

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 14 day of May, in the year 2002

Stephen Matthew Barnes

(Signature of Inventor)

[Signature] Aug 2, 2003  
(Notary Public)

Executed this 16<sup>th</sup> day of May, in the year 2002  
at Sandia Labs FCU

State of New Mexico  
County of Bernalillo

Before me personally appeared MURRAY STEVEN RODGERS

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 16<sup>th</sup> day of May, in the year 2002

Murray Steven Rodgers

(Signature of Inventor)



OFFICIAL SEAL

MARGARET J. BRIZZEE

NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 1/26/04

Margaret J Brizzee

(Notary Public)