**FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE REC 1-31-92 01-07-1999 Patent and Trademark Office Attorney Docket No: MESO113008 To the Honorable Assistant Commissioner for documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Name: MesoSystems Technology, Inc. Joseph G. Birmingham, Patrick T. Call, Vanessa M. Address: 3200 George Washington Way, Suite 300 Kenning, Alireza Shekarriz, and Charles J. Call Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: City: Richland State: WA ZIP: 99352

Merger

Change of Name

Additional numbers attached? Yes X No If this document is being filed together with a new application, the execution date of the application is: December 9, 1998 5. Name and address of party to whom correspondence concerning document should be mailed:

> Shoko I. Leek, Esq. CHRISTENSEN O'CONNOR JOHNSON & KINDNESSPLLC 1420 Fifth Avenue **Suite 2800** Seattle, WA 98101-2347 (206) 682-8100

6. Total number of applications and patents involved: 1

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

B. Patent No(s).

- 7. Total fee (37 C.F.R. 3.41): ......\$ 40.00 **E** Check No. 100781 in the amount of \$40.00 is enclosed.
- 8. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application.

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| 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.  | ^   |

shops Leek Shoko I. Leek Name of Attorney or Agent Registration No. P-43,746

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

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

Direct Dial (206) 695-1780

9. Statement and signature:

X Assignment

Other \_

Security Agreement

Execution date: December 9, 1998

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

A. Patent Application No(s). 09/191,980

01/04/1999 TLUU11 00000126 09191980

01 FC:581

40.00 DP

**PATENT** REEL: 9675 FRAME: 0194

## ASSIGNMENT

WHEREAS, we, Joseph G. Birmingham, residing at 2500 George Washington Way, Apt. #102, Richland, WA 99352; Patrick T. Call, residing at 2324 Hood Avenue, #11, Richland, WA 99352; Vanessa M. Kenning, residing at 1208 South Irby, Kennewick, WA 99337; Alireza Shekarriz, residing at 2229 South Ledbetter Place, Kennewick, WA 99337; and Charles J. Call, residing at 3807 Meadow View Court, Pasco, WA 99301, are the inventors named in an application for Letters Patent of the United States, entitled IMPROVED MICROMACHINED VIRTUAL IMPACTOR, Serial No. 09/191,980, filed November 13, 1998;

AND, WHEREAS, MesoSystems Technology, Inc., a Washington corporation, having a principal place of business at 3200 George Washington Way, Suite 300, Richland, WA 99352 (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention(s) disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention(s), including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention(s) and all applications and patents on said invention(s) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention(s), to enforce any and all patents on said invention(s), and to confirm in ASSIGNEE legal title to said invention(s) and all applications and patents on said invention(s), all without charge to ASSIGNEE but at no expense to us.

| Executed at RICHLAND  | city), Washington, this 9th | day of |
|-----------------------|-----------------------------|--------|
| December, 1998.       | 0 0 0 - 5                   | 1      |
|                       | Josep J. Bumu               | 3/2    |
|                       | Joseph G Birmingham         |        |
| STATE OF WASHINGTON ) |                             |        |

I certify that I know or have satisfactory evidence that Joseph G. Birmingham is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

-1-

COUNTY OF BENTON

| Dated: 12-9-98                             |   |
|--|---|
| (Seal or stamp)                            | Signature Printed Name: Mchele Dickinson Notary Public My appointment expires 7-29-00             |
| Executed at AICHLANN (c<br>December, 1998. | ity), Washington, this 9th day of   |
| STATE OF WASHINGTON ) ) ss.                | Patrick T. Call   |
| COUNTY OF BENTON )                         |   |
| who appeared before me, and said person    | acknowledged that he signed this instrument and ry act for the uses and purposes mentioned in the |
| Dated: 12-9-98                             |   |
| (Seal or stamp)                            | Signature Printed Name: MIChele Dickinson Notary Public My appointment expires                    |

| Executed at Richland December, 1998.   | (city), Washington, this g # day of  Vanessa M. Kenning  Vanessa M. Kenning  |
|--|--|
| STATE OF WASHINGTON )  onumber of state of the state of t |  |
| person who appeared before me, and   | tisfactory evidence that Vanessa M. Kenning is the said person acknowledged that she signed this er free and voluntary act for the uses and purposes |
| Dated: 12-9-98   |  |
| (Seal or stamp)  | Signature Printed Name: Milhofe Dickinsor Notary Public My appointment expires 7-29-00   |
| Executed at <u>Richland</u> December, 1998.  | (city), Washington, this day of  |
|  | Alireza Shekarriz  |
| STATE OF WASHINGTON )  |  |
| COUNTY OF BENTON ) ss.   |  |
| I certify that I know or have satisfa  | actory evidence that Alireza Shekarriz is the name   |

I certify that I know or have satisfactory evidence that Alireza Shekarriz is the person who appeared before me, and said person acknowledged that she signed this instrument and

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| Dated: 12-9-98 (Seal or stamp)   | Signature Michele Dickinson Notary Public My appointment expires 7-29-00            |  |  |
|--|---|--|--|
| Executed at Richland December, 1998.   | (city), Washington, this day of Charles J. Call                                     |  |  |
| STATE OF WASHINGTON ) ) ss. COUNTY OF BENTON )   |   |  |  |
| I certify that I know or have satisfactory evidence that Charles J. Call is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument. |   |  |  |
| Dated: 12-9-98   |   |  |  |
| (Seal or stamp)  | Signature Printed Name: Wichele Dickinson Notary Public My appointment expires 7-29 |  |  |
| SIL/ws   |   |  |  |

acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the

-4-

**RECORDED: 12/24/1998** 

instrument.