

Form PTO-1585 (Rev. 06/04)  
Omb NO. 0651-0027 (EXP. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address (es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Murat Okandan

Execution Dates) 01/24/2005

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

Name SANDIA CORPORATION, OPERATOR OF  
SANDIA NATIONAL LABORATORIES

Internal Address: P.O. BOX 5800 MS-0161

Street Address: \_\_\_\_\_

City: Albuquerque

State: NM

Country: USA Zip: 87185-0161

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

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/043,588 Filing Date 01/25/2005  
Title: Microelectromechanical Flow Control Apparatus

Additional numbers attached?  Yes  No

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

Name: Russell D. Elliott  
Internal Address: Sandia National Laboratories  
Intellectual Property Center, 11500  
Mail Stop 0161

Street Address: \_\_\_\_\_

City: Albuquerque

State: NM Zip: 87185-0161

Phone Number: 505-844-5626

Fax Number: 505-844-1418

Email Address: \_\_\_\_\_

**6. Total number of applications and patents**

involved: 1

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 19-0131  
Authorized User Name \_\_\_\_\_

**9. Signature:**

 Signature

2/15/05

Date

John P. Hohimer  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 190131 11043588

SD7618S103481

## ASSIGNMENT

WHEREAS, **Murat Okandan** of Albuquerque, NM has(have) made an invention relating to **Microelectromechanical Flow Control Apparatus** in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: **S-103,481** duly executed by said inventors and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, domestic and foreign,

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

SD7618S103481

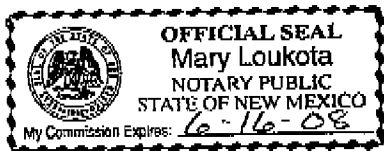
Signed at Albuquerque, New Mexico.

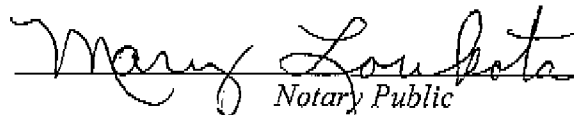
  
\_\_\_\_\_  
Murat Okandan

1/24/05  
\_\_\_\_\_  
Date

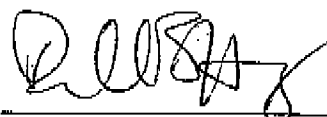
STATE OF NEW MEXICO            )  
                                          ) ss:  
COUNTY OF BERNALILLO        )

On the date entered above, personally appeared before me, Notary Public, Mary Loukota, to me Murat Okandan known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.



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

Approved and consented to this 15<sup>th</sup> day of FEBRUARY, 2005.

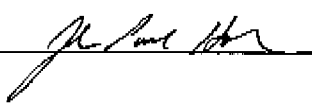
SANDIA CORPORATION  
  
\_\_\_\_\_  
Russell D. Elliott  
Chief IP Counsel  
Intellectual Property Center, MS-0161

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Omb No. 0651-0027 (EXP. 6/30/2005)

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<p><b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>11/043,588</u> Filing Date <u>01/25/2005</u> Title: <u>Microelectromechanical Flow Control Apparatus</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p><b>5. Name and address to whom correspondence concerning document should be mailed:</b></p> <p>Name: <u>Russell D. Elliott</u></p> <p>Internal Address: <u>Sandia National Laboratories</u> <u>Intellectual Property Center, 11500</u> <u>Mail Stop 0161</u></p> <p>Street Address: _____</p> <p>City: <u>Albuquerque</u></p> <p>State: <u>NM</u> Zip: <u>87185-0161</u></p> <p>Phone Number: <u>505-844-5626</u></p> <p>Fax Number: <u>505-844-1418</u></p> <p>Email Address: _____</p>	<p><b>6. Total number of applications and patents involved:</b> <u>1</u></p> <p><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p> <p><b>8. Payment Information</b></p> <p>a. Credit Card Last 4 Numbers _____ Expiration Date _____</p> <p>b. Deposit Account Number <u>19-0131</u> Authorized User Name _____</p>
<p><b>9. Signature:</b> <u></u> Signature <u>2/15/05</u> Date</p> <p><u>John P. Hohimer</u> Name of Person Signing</p> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and documents <span style="border: 1px solid black; padding: 2px;">4</span></p>	

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