

12-10-2002

PTO-1595

(Rev. 6-93)

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



102307017

U.S. DEPARTMENT OF  
COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

Justin C. Borski, Alan L. Sidman, Matthew J. Neal

Additional name(s) of conveying party(ies) attached?

( ) Yes (X) No

mzp 12/4/02

2. Name and address of receiving party(ies)

Name: Advanced Microsensors

3. Nature of conveyance

(X) Assignment ( ) Merger

( ) Security Agreement ( ) Change of Name

( ) Other \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: 333 South StreetCity: Shrewsbury State: MA ZIP: 01545Execution Date: November 26, 2002

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

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

If this document is being filed together with a new application, the filing date of the application is: December 4, 2002A. Patent Application No.(s) 10309951

B. Patent No.(s)

Additional numbers attached? ( ) Yes ( ) No

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

6. Total number of applications and patents involved: 1Name: David A. Lane, Jr.Telephone: (617) 832-1000Internal Address: Foley, Hoag

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

( ) Enclosed

( ) Authorized to be charged to deposit account

Street Address: 155 Seaport Blvd.8. Deposit account number: 06-1448City: Boston State: MA ZIP: 02210

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.*

David A. Lane, Jr.

Name of Person Signing

Signature

December 4, 2002

Date

Total number of pages including cover sheet, attachments, and document: 5Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

2/06/2002 KZEWDIE 00000028 10309951

FC:8021

40.00 GP

20/528709.1

**PATENT**  
**REEL: 013558 FRAME: 0852**jc912 U.S. PTO  
10/309951  
12/04/02

**ASSIGNMENT**

WHEREAS, we, Justin C. Borski, 25 Klebert Avenue, Webster, MA 01570, and Alan L. Sidman, 29 Leewood Road, Wellesley, MA 02482, have developed certain inventions described in a patent application entitled MEMS ACTUATORS and executed on even date herewith, having full right to convey their entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, ADVANCED MICROSENSORS ("Assignee"), a corporation having a principal place of business at 333 South Street, Shrewsbury, MA 01545, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications to which the aforesaid application claims priority; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Justin C. Borski  
Justin C. Borski

11/26/2002  
Date

Commonwealth of Massachusetts )  
County of )

On this the 26 day of November, 2002 before me personally appeared Justin C. Borski, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Janice A. Wheeler  
Notary Public

My commission expires \_\_\_\_\_

JANICE A. WHEELER  
Notary Public  
My Commission Expires  
November 22, 2007

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Alan L. Sidman  
Alan L. Sidman

11/26/02  
Date

Commonwealth of Massachusetts )  
County of )

On this the 26 day of November, 2002 before me personally appeared Alan L. Sidman, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Janice A. Wheeler  
Notary Public

My commission expires \_\_\_\_\_

JANICE A. WHEELER  
Notary Public  
My Commission Expires  
November 22, 2007

**ASSIGNMENT**

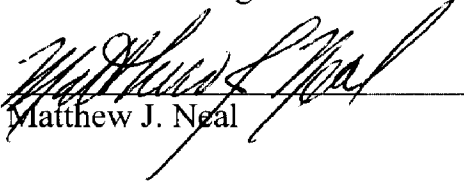
WHEREAS, I, Matthew J. Neal, 85 Tremont Street, Marlborough, MA 01752, have developed certain inventions described in a patent application entitled MEMS ACTUATORS and executed on even date herewith, having full right to convey their entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, ADVANCED MICROSENSORS ("Assignee"), a corporation having a principal place of business at 333 South Street, Shrewsbury, MA 01545, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications to which the aforesaid application claims priority; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

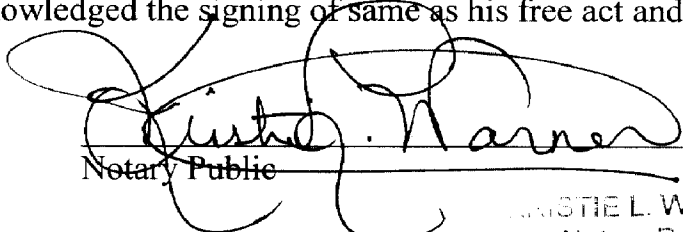
IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

  
Matthew J. Neal

Nov. 26, 2002  
Date

Commonwealth of Massachusetts )  
County of Middlesex )

On this the 26<sup>th</sup> day of November, 2002 before me personally appeared Matthew J. Neal, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

  
Notary Public  
My commission expires \_\_\_\_\_  
KIRSTIE L. WARNER  
Notary Public  
My Commission Expires \_\_\_\_\_  
October 1, 2005