

Practitioner's Docket No. LAR-16549-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

**CORRECTED
ASSIGNMENT (DOCUMENT) COVER SHEET (37 C.F.R. § 3.31)**

Attached please find an assignment (document) for recordal.

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S)
FOR ASSIGNMENT (DOCUMENT) RECORDAL
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))**

1. This assignment is for the following patent application and/or issued patent:
 - a. National application: SN: 10/943,655, filed on September 8, 2004.

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS
AND TOTAL FEE**

2.
 - A. The total number of applications and/or patents identified in this cover sheet is: 1.
 - B. The total fee is (37 C.F.R. Section 1.21(h)):

$$1 \times \$40.00 = \$40.00$$

- C. Payment of fee is made by:

Authorization is hereby made to charge the amount of \$40.00 to Deposit Account No. 14-0116.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

23351

**NAME OF PARTIES CONVEYING INTEREST
(37 C.F.R. § 3.31(a)(1))**

3. The parties conveying interest are:

Robert W. Moses
Estate of Robert L. Fox
Richard L. Chattin
Qamar A. Shams

Please note that because Robert L. Fox as named above is deceased, a "Signing by Administrators on Behalf of Deceased Inventor" is also attached.

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 C.F.R. § (a)(2))**

4. The rights are being conveyed to:

United States of America as represented by the Administrator of the National Aeronautics and Space Administration
Washington, DC 20546-0001 U.S.

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 C.F.R. § 3.31(a)(3))**

5. The accompanying document intends to accomplish an assignment.

**NAME AND ADDRESS OF PARTY TO WHOM
CORRESPONDENCE SHOULD BE MAILED (37 C.F.R. § 3.31 (a)(5))**

6. Please address correspondence to:

Name: Robin W. Edwards
Address: NASA Langley Research Center
MS 141
Hampton, VA 23681-2199
U.S.
Telephone No.: 757-864-3230

**DATE ASSIGNMENT (DOCUMENT) EXECUTED
(37 C.F.R. § 3.31(a)(7))**

7. The attached assignment (document) was executed by Robert W. Moses on January 12, 2005.
The attached assignment (document) was executed by Richard L. Chattin on January 11, 2005.
The attached assignment (document) was executed by Qamar A. Shams on January 12, 2005.
The attached "Signing by Administrators on Behalf of Deceased Inventor" was executed on January 5, 2005, by Melanie L. Fox and Christopher L. Fox.

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

8. The attached document is in the English language.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

9. Submitted herewith is the original document.

**STATEMENT (37 C.F.R. § 3.31(a)(9)) AND
SIGNATURE (37 C.F.R. § 3.31(a)(10))**

10. 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.

Date: July 28, 2005 Robin W. Edwards

Robin W. Edwards
Registration No. 39,179
NASA Langley Research Center
MS 141
Hampton, VA 23681-2199
U.S.
757-864-3230
Customer No. 23351

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, **including documents** is: 7

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July 28, 2005Robin W. Edwards

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23351

Patent Application



National
Aeronautics and
Space
Administration

Assignment to the Government (by Government Employee)

Title of Invention: System And Method For Monitoring Piezoelectric Material Performance

Inventor(s): Robert W. Moses, Robert L. Fox, Richard L. Chattin, and Qamar A. Shams

NASA Case No.: LAR-16549-1 Application No.: 10/943,655 Filing Date*: 09/08/2004

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention,

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

Robert W. Moses

(Signature of Inventor)

Robert W. Moses

(Inventor's Typed Name)

1/12/05

(Date Assignment Executed)

(Date Application Executed)

113 Thomas Road, Seaford, VA 23696

(Mailing Address - Including Country)

(Signature of Inventor)

Estate of Robert L. Fox

(Inventor's Typed Name)

(Date Assignment Executed)

(Mailing Address - Including Country)

Richard L. Chattin

(Signature of Inventor)

Richard L. Chattin

(Inventor's Typed Name)

1/11/05

(Date Assignment Executed)

(Date Application Executed)

205 Nicewood Drive, Newport News, VA 23602

(Mailing Address - Including Country)



National
Aeronautics and
Space
Administration

Patent Application

Assignment to the Government (by Government Employee)

Title of Invention: System And Method For Monitoring Piezoelectric Material Performance

Inventor(s): Robert W. Moses, Robert L. Fox, Richard L. Chattin, and Qamar A. Shams

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1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

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(Signature of Inventor)

Robert W. Moses

(Inventor's Typed Name)

Robert W. Moses

(Signature of Inventor)

Estate of Robert L. Fox

(Inventor's Typed Name)

(Date Assignment Executed)

113 Thomas Road, Seaford, VA 23696

(Mailing Address - Including Country)

1/5/05

(Date Assignment Executed)

1592 Fleming Road Hayes,
VA 23072

(Mailing Address - Including Country)

(Date Application Executed)

(Date Application Executed)

(Signature of Inventor)

Richard L. Chattin

(Inventor's Typed Name)

(Date Assignment Executed)

205 Nicewood Drive, Newport News, VA 23602

(Mailing Address - Including Country)

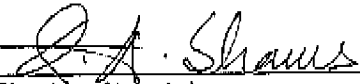
(Date Application Executed)

23351

Title of Invention: System And Method For Monitoring Piezoelectric Material Performance

Inventor(s): Robert W. Moses, Robert L. Fox, Richard L. Chattin, and Qamar A. Shams

NASA Case No.: LAR-16549-1 Application No.: 10/943,655 Filing Date*: 09/08/2004

 09/12/05 _____
(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)
Qamar A. Shams 301 Robinhood Drive, Yorktown, VA 23693
(Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

(Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Robert W. Moses, Robert L. Fox, Richard L. Chattin, and Qamar A. Shams
Application No.: 10/943,655
Filed: September 8, 2004
For: System And Method For Monitoring Piezoelectric Material Performance

SIGNING BY ADMINISTRATORS ON BEHALF OF DECEASED INVENTOR
(37 CFR 1.42 and 1.43)

I, Christopher L. Fox, hereby declare that I am a citizen of the United States, residing at 318 Hornsbyville Road, Yorktown, VA 23692, and that I am executing and signing the assignment to the government to which this is attached as the administrator of:

the Estate of Robert L. Fox, deceased.

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: 1-07-05

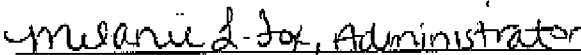

Christopher L. Fox, Administrator

I, Melanie L. Fox, hereby declare that I am a citizen of the United States, residing at 1886 Blakes Cove Lane, Hayes, VA 23072, and that I am executing and signing the declaration to which this is attached as the administrator of:

the Estate of Robert L. Fox, deceased.

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: 1/5/05


Melanie L. Fox, Administrator

Practitioner's Docket No. LAR 16549-1

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Mail Stop Assignment Services Division
P.O. Box 1450
Alexandria, VA 22313-1450

RESUBMISSION OF ASSIGNMENT PAPERS
REFUSED FOR RECORDAL (37 C.F.R. § 3.51)

1. The PTO has sent a letter to the applicant stating that the Cover Sheet submitted did not provide complete information required for recording. A copy of the PTO letter is attached.
2. The document ID number referenced in the PTO letter dated June 17, 2005 is 102922619A.
3. The term for resubmission of the papers set in the PTO letter expired on July 16, 2005; accordingly, kindly charge the deposit account as identified in the Assignment Cover Sheet.
4. Applicant resubmits the papers refused recordal with the necessary corrections and/or omissions entered on the papers and with new appropriate papers added.
5. The following documents are enclosed:
 - Resubmission of Assignment Papers Refused for Recordal - 2 pages
 - PTO Letter dated June 17, 2005 - 2 pages
 - Corrected Assignment (Document) Cover Sheet - 3 pages (2 copies)
 - Copy of Original Assignment of Invention - 4 pages
6. Recordal is now respectfully requested.

July 28, 2005

Date

Robin W. Edwards

Robin W. Edwards
Registration No. 39,179
NASA Langley Research Center
Mail Stop 141
Hampton, VA 23681-2199
757-864-3230
Customer No. 23351

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☐ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Mail Stop Assignment Services Division, P.O. Box 1450, Alexandria, VA 22313-1450.

FACSIMILE

☒ transmitted by facsimile to the Patent and Trademark Office, (703) 306-5995.

Elaine C. McMahon
Signature

Date:

July 28, 2005Elaine C. McMahon

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