

Form PTO-1595 (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):

Jeffrey C. Gilkey, Michelle A. Duesterhaus, Frank J. Peter
Rosemarie A. Renn, Michael S. Baker

2. Name and address of receiving party(ies)

Name SANDIA CORPORATION, OPERATOR OF
SANDIA NATIONAL LABORATORIESInternal Address: P.O. BOX 5800 MS-0161

Street Address: _____

City: AlbuquerqueState: NMCountry: USA Zip: 87185-0161Additional name(s) & address(es) attached? ☐ Yes ☐ NoExecution Dates) 11/2/2004 and 11/23/2004Additional 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 _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/979,419

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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

Street Address: _____

City: AlbuquerqueState: NM Zip: 87185-0161Phone Number: 505-844-5626Fax Number: 505-844-1418

Email Address: _____

6. Total number of applications and patents

involved: 17. 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

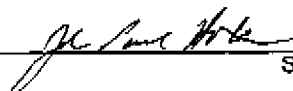
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Authorized User Name _____

9. Signature:



Signature

12/6/04
Date

John P. Hohimer

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents7Documents 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

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700136201

PATENT
REEL: 015429 FRAME: 0197

SD7595S103454

ASSIGNMENT

WHEREAS, **Jeffrey C. Gilkey, Michelle A. Duesterhaus, Frank J. Peter, Rosemarie A. Renn and Michael S. Baker** of Albuquerque, NM has(have) made an invention relating to **Mechanical Memory** 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-103,454** 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 under Class Waiver W(C)93-012; 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.

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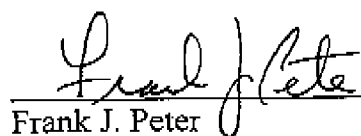
Signed at Albuquerque, New Mexico.


 Jeffrey C. Gilkey

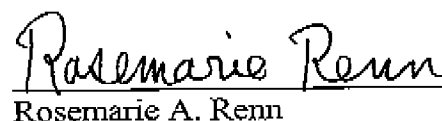
11/02/2004
 Date

Michelle A. Duesterhaus

 Date


 Frank J. Peter

11/2/04
 Date


 Rosemarie A. Renn

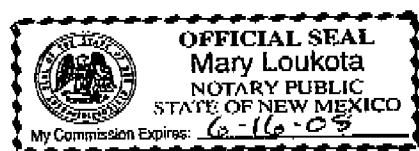
11-2-04
 Date


 Michael S. Baker

11/02/04
 Date

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

On the dates entered above, personally appeared before me, Notary Public, Mary Loukota, to me Jeffrey C. Gilkey, Michelle A. Duesterhaus, Frank J. Peter, Rosemarie A. Renn and Michael S. Baker known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

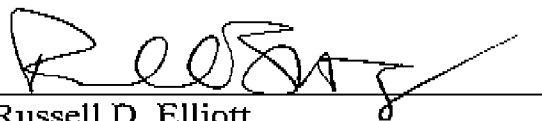



 Notary Public

SD7595S103454

ved and consented to this 2ND day of DECEMBER, 2004.

SANDIA CORPORATION

A handwritten signature in black ink, appearing to read 'R. Elliott', is written over a horizontal line.

Russell D. Elliott
Chief IP Counsel
Intellectual Property Center, MS 0161

SD7595S103454

ASSIGNMENT

WHEREAS, Jeffrey C. Gilkey, Michelle A. Duesterhaus, Frank J. Peter, Rosemarie A. Renn and Michael S. Baker, has(have) made an invention relating to Mechanical Memory 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-103,454 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 under Class Waiver W(C)93-012; 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.

SD7595S103454

Signed at St. Charles, Missouri

Michelle A. Duesterhaus
Michelle A. Duesterhaus

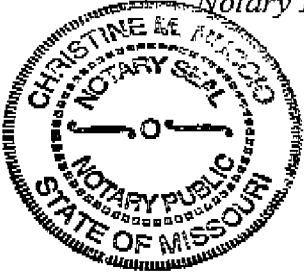
11/23/04
Date

STATE OF MISSOURI)
) ss:
COUNTY OF St. Louis)

On the date entered above, personally appeared before me, Notary Public, Christine M. Nuccio, to me Michelle A. Duesterhaus known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that she executed the same.

CHRISTINE M. NUCCIO
Notary Public - Notary Seal
STATE OF MISSOURI
St. Louis County
My Commission Expires Aug. 21, 2006

Christine M. Nuccio
Notary Public



Approved and consented to this 2ND day of December, 2004.

SANDIA CORPORATION

Russell D. Elliott
Russell D. Elliott
Chief IP Counsel
Intellectual Property Center, MS 0161