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SD-6851/S-96528

September 23, 2002

FORM PTO-1595

RECORD



U.S. DEPARTMENT OF COMMERCE

Rev. 6-93) OMB No 0651-0011 (EXP. 4/94)

I

Patent and Trademark Office

102256698

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

1. Name of conveying party(ies):

10-7-02

2. Name and address of receiving party(ies)

Patrick G. Xavier, Michael J. McDonald, Fred J. Opel, III, and Eric J. Gottlieb

SANDIA CORPORATION  
P. O. Box 5800 - MS-0161  
Albuquerque, New Mexico 87185-0161

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other: Assignment & Confirmatory License

Execution Date(s): 10/17/01 and 10/18/01

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

10/037,096

Filed: 10/22/01

Issued:

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: one (1)

Name: Sandia National Laboratories

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

Internal Address: Patent & Licensing, 11500

Enclosed

Mail Stop 0161

Authorized to be charged to deposit account

Street Address: P. O. Box 5800

8. Deposit Account number: 19-0131

City: Albuquerque State: NM ZIP: 87185-0161

(Attach duplicate copy of this page if paying by account)

10/21/2002 TDIAZ1 0000137 190131 10037096

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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.

Russell D. Elliott  
Chief IP Counsel

[Signature]  
Signature

9/26/02  
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 013391 FRAME: 0409**

OFFICE OF PLG/PTO RECORDS  
2002 OCT -7 AM 10:10  
FINANCE SECTION

## ASSIGNMENT

WHEREAS, **Patrick G. Xavier, Michael J. McDonald and Fred J. Oppel III of Albuquerque, New Mexico, and Eric J. Gottlieb of Corrales, New Mexico;** has(have) made an invention relating to **APPARATUS AND METHOD FOR INTERACTION PHENOMENA WITH WORLD MODULES IN DATA-FLOW-BASED SIMULATION** 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-96,528** duly executed by said inventor(s); 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 his/her/their 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, effective October 1, 1993; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation his/her/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.

Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her/their 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 him/her/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.

Signed at Albuquerque, New Mexico

Patrick G. Xavier  
Patrick G. Xavier

10/18/01  
Date

Eric J. Gottlieb  
Eric J. Gottlieb

10/18/01  
Date

Michael J. McDonald  
Michael J. McDonald

10/17/01  
Date

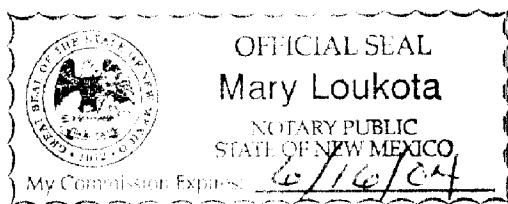
Fred J. Oppel III  
Fred J. Oppel III

10/18/01  
Date

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

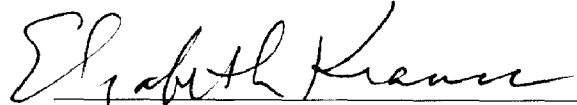
On the dates listed above, personally appeared before me, Mary Loukota, Notary Public, Patrick G. Xavier, Eric J. Gottlieb, Michael J. McDonald and Fred J. Oppel III, to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

Mary Loukota  
Notary Public



Approved and consented to this 24 day of October, 2001.

SANDIA CORPORATION



Elizabeth Krauss

Senior Attorney

Deputy to the General Counsel