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FORM PTO-1595

Rev. 6-93) OMB No 0651-0011 (EXP. 4/9)



ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101535423

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

1. Name of conveying party(ies): 11-13-00 2. Name and address of receiving party(ies)

Lothar F. Bieg and Gilbert L. Benavides

SANDIA NATIONAL LABORATORIES  
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): June 18, 1999

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)

09/336,182

Filed: 6/18/99

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: Timothy D. Stanley

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

Internal Address: Sandia National Laboratories  
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)

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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.

Timothy D. Stanley

Signature

11/6/2000  
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: 011282 FRAME: 0521

June 18, 1999

## ASSIGNMENT

WHEREAS, Lothar F. Bieg and Gilbert L. Benavides of Albuquerque, New Mexico; has(have) made an invention relating to LARGE DISPLACEMENT SPHERICAL JOINT 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-89,248 duly executed by said inventor(s) on June 18, 1999, 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, effective October 1, 1993; 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.

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.

Signed at Albuquerque, New Mexico.

  
Lothar F. Bieg

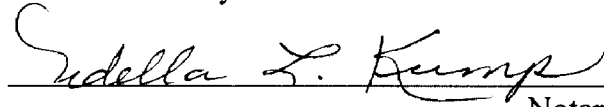
Date: 6/18/99

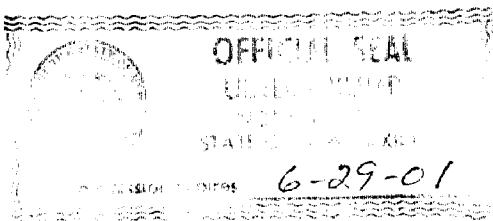
  
Gilbert L. Benavides

Date: 6/18/99

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

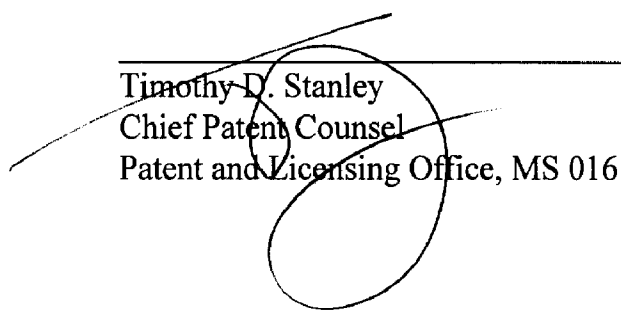
On the dates indicated above, personally appeared before me, Udella L. Kump, Notary Public, the individuals named above to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

  
Notary Public



Approved and consented to this 21 day of June, 1999.

SANDIA CORPORATION

  
Timothy D. Stanley  
Chief Patent Counsel  
Patent and Licensing Office, MS 0161