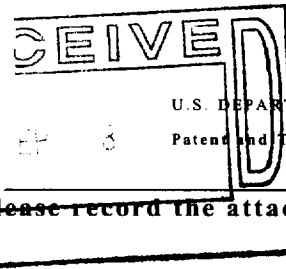


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FORM PTO-1595

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



100839787

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Vincent M. Hietala, Jon S. Martens,
Thomas E. Zipperian

2. Name and address of receiving party(ies)

SANDIA CORPORATION
Patent & Licensing, 11500
Mail Stop - 0161
P. O. Box 5800
Albuquerque, State: NM ZIP: 87185-0161

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
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Execution Date: 4/16/93 and 5/21/93

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

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

A. Patent Application No.(s)

08/051,103

B. Patent No.(s)

Filed: 4/21/93

Issued:

Additional numbers attached? ☐ Yes ☒ No

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

Name: Timothy D. Stanley
Sandia National Laboratories
Internal Address: Patent & Licensing, 11500
Mail Stop 0161
Street Address: P. O. Box 5800

6. Total number of applications and patents involved: one (1)

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

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit Account number: 19-0131

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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

Date

9/26/98

Total number of pages including cover sheet, attachments, and document: 4

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

PATENT
REEL: 9470 FRAME: 0308

August 26, 1998

ASSIGNMENT

WHEREAS, Vincent M. Hietala of Placitas, New Mexico; Jon S. Martens of Sunnyvale, California; and Thomas E. Zipperian of Albuquerque, New Mexico, has(have) made an invention relating to SUPERCONDUCTING FLUX FLOW DIGITAL CIRCUIT 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-89,201 duly executed by said inventors on April 16, 1993 and May 21, 1993; 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 this 17th day of July, 1998.

Vincent M. Hietala
 Vincent M. Hietala

Date: 7/17/98

Thomas F. Zipperian
 Thomas F. Zipperian

Date: _____

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

above
 The ~~following~~ individual(s) personally appeared before me on the date above written to me known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that ~~they~~ he executed the same.

Edella L. Krump
 Notary Public

6-29-01

Approved and consented to this 6 day of Aug, 1998.

SANDIA CORPORATION

By _____
 Timothy B. Stanley
 Chief Patent Counsel

Accepted for the benefit of the Government of the United States.

WITNESS:

UNITED STATES DEPARTMENT OF ENERGY

By _____

Signed at Albuquerque, New Mexico this 22nd day of July, 1998.

Vincent M. Hietala

Date: _____

Thomas E. Zipperian
Thomas E. Zipperian

Date: 7/22/98

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

The following individual(s) personally appeared before me on the date above written 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.

David Sanchez My Comm Expires: 10/29/98
Notary Public

Approved and consented to this 6 day of Aug, 1998.

SANDIA CORPORATION

By _____
Timothy D. Stanley
Chief Patent Counsel

Accepted for the benefit of the Government of the United States.

WITNESS:

UNITED STATES DEPARTMENT OF ENERGY

By _____