

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

SD-10561/5111,185

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)

Juan-Carlos Jakoboski
Steven N. Todd
Stephen Polisar
Chance Hughs

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

2. Name and address of receiving party(ies)

Name: SANDIA CORPORATION

Internal Address: MS-0161

Street Address: P.O. Box 5800, MS-0161

City: Albuquerque,

State: New Mexico

Country: USA Zip: 87185-0161

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 11/12/2007

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- 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)
11/938,868

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Sandia National Laboratories

Internal Address: Intellectual Property Center, 11500

Street Address: P.O. Box 5800, MS-0161

City: Albuquerque

State: New Mexico Zip: 87185

Phone Number: 505-844-5626

Fax Number: 505-844-1418

Email Address: rusty@sandia.gov

6. Total number of applications and patents involved: one

7. 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)

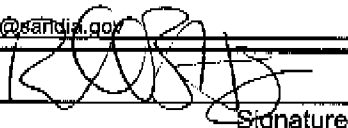
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 190131

Authorized User Name _____

9. Signature:


Signature

3/4/08
Date

Russell D. Elliott
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 190131 11938868

SD-10561/S-111,185
November 8, 2007

ASSIGNMENT

WHEREAS, **Juan-Carlos Jakaboski, Steven N. Todd, Stephen Polisar, and Chance Hughs** has(have) made an invention relating to **Dual Initiation Strip Charge Apparatus and Methods For Making and Implementing the Same**, 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-111,185** 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; 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.

SD-10561/S111,185
November 8, 2007

ASSIGNMENT

WHEREAS, **Juan-Carlos Jakaboski, Steven N. Todd, Stephen Polisar, and Chance Hughs**, have made an invention relating to **Dual Initiation Strip Charge Apparatus and Methods For Making and Implementing the Same**, 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-111,185**, duly executed by said inventors and

WHEREAS, **Stephen Polisar**, being Inventor of said invention and employee of **American Staff Augmentation**, at the time said invention was made, the Parties signing below, in consideration of *pro rata* share to be taken from twenty percent (20%) of royalties obtained by Sandia Corporation in any future licensing of said invention and to be paid pro rata share further being limited to a maximum of \$150,000 annually per **American Staff Augmentation** Inventor, have agreed, among other things, to assign to Sandia Corporation its successors and assigns, their entire right, title, and interest, if any, 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.

The above-names **American Staff Augmentation** Inventor further agrees, 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 be involved.

SD-10561/S111,185
November 8, 2007

ASSIGNMENT

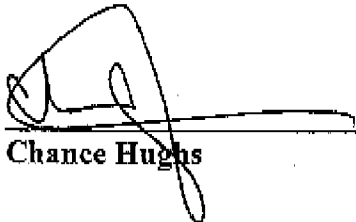
WHEREAS, **Juan-Carlos Jakoboski, Steven N. Todd, Stephen Polisar, and Chance Hughs**, have made an invention relating to **Dual Initiation Strip Charge Apparatus and Methods For Making and Implementing the Same**, in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION 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-111,185**, duly executed by said inventors and

WHEREAS, **Chance Hughs**, being Inventor of said invention and employee of **Orion International Technologies**, at the time said invention was made, the Parties signing below, in consideration of *pro rata* share to be taken from twenty percent (20%) of royalties obtained by Sandia Corporation in any future licensing of said invention and to be paid *pro rata* share further being limited to a maximum of \$150,000 annually per **Orion International Technologies** Inventor, have agreed, among other things, to assign to Sandia Corporation its successors and assigns, their entire right, title, and interest, if any, 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.

The above-names **Orion International Technologies** Inventor further agrees, 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 be involved.

SD-10561/S111,185
November 8, 2007

Signed at Albuquerque, New Mexico.

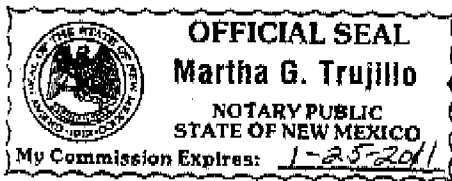


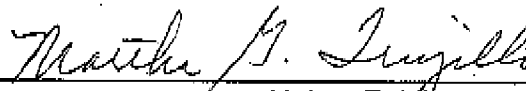
Chance Hughs

Date: 12 Nov 07

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

On the the dates listed above, personally appeared before me, Martha G. Trujillo, Notary Public, **Chance Hughs**, to me known to be the individual described in and who executed the foregoing instrument, and who acknowledged to me that he executed the same.






Notary Public

Approved and consented to this 17th day of January, 2007⁸



Orion International Technologies
Maria Estela de Rios

Approved and consented to this 4th day of March, 2007⁸

SANDIA CORPORATION


Russell D. Elliott, Chief IP Counsel
Intellectual Property Center