

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



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- ☐ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☒ Other Confirmatory License

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Name (line 1) California, University of

Execution Date
Month Day Year
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Receiving Party

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Name (line 1) U.S. Department of Energy

Name (line 2)

Address (line 1) P. O. Box 808 (L-376)

Address (line 2)

Address (line 3) Livermore

CA

94550

City

State/Country

Zip Code

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REEL: 011987 FRAME: 0919

Correspondent Name and Address

Area Code and Telephone Number

(925) 422-4367

Name William C. Daubenspeck

Address (line 1) U.S. Department of Energy

Address (line 2) Lawrence Livermore National Laboratory

Address (line 3) P. O. Box 808 (MS L-376)

Address (line 4) Livermore, CA 94550

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

1

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

			6223656 B1		

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 0.00

Method of Payment:

Enclosed ☐

Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

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Authorization to charge additional fees:

Yes ☐

No ☒

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. Charges to deposit account are authorized, as indicated herein.

Janet L. Rego

Name of Person Signing

Janet L. Rego

Signature

7-9-2001

Date



Patent Application Filed in
the Name of the Contractor
Electable (1/97)

CONFIRMATORY LICENSE

Title: Pressure Enhanced Penetration with
Shaped Charge Perforators Probes
Inventor(s): Lewis A. Glenn
Contract Number: W-7405-ENG-48
Contractor: University of California Lawrence
Livermore National Laboratory

DOE Docket No.: S-90360
Contractor Docket No.: IL-10324
U.S. Patent Application S.N.: 09/298,109
Filing Date: april 22, 1999
U.S. Patent No.: 6,223,656 B1
Issue Date: May 1, 2001

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated February 29, 1996.

WHEREAS, the above-identified contract provides the Contractor with the right to elect to retain title in certain inventions and the Contractor has reported the above-identified invention as a subject invention under the contract, has elected to retain title therein, and has agreed to file a domestic patent application thereon, if not previously filed.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

It is understood and agreed that this instrument does not preclude the Government from asserting rights under the provisions of the above-identified contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

Signed on behalf of: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(Contractor)

Witness: Nancy J. Stone (Signature) By: Janet G. Tulk 6-4-01
(Contractor Official's Signature) (Date)

Nancy J. Stone, Administrative Specialist
(Name and Title)

Janet G. Tulk, Laboratory Counsel
(Print/Type Contractor Official's Name and Title)

Lawrence Livermore National Laboratory
(Print/Type Contractor's Address)

P. O. Box 808, L-701

Livermore, CA 94551-0808

RECORDED: 07/16/2001

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REEL: 011987 FRAME: 0921