

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

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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New

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#### Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

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FORM PTO-1619B  
Expires 06/30/09  
OMB 0651-0027

U.S. Department of Commerce  
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PATENT

**Correspondent Name and Address**

Area Code and Telephone Number

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

Address (line 2) Lawrence Livermore National Laboratory

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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)

10/323219

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: #

Authorization to charge additional fees: Yes  No

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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

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Janet L. Rego  
Signature

3-11-04

Date

Mr. William C. Daubenspeck, Patent Attorney  
Department of Energy, National Nuclear Security Administration  
Office of Chief Counsel, Intellectual Property Law Division  
Livermore Office, P.O. Box 808, L-376  
Livermore, CA 94550

PATENT

REEL: 014651 FRAME: 0508

Patent Application Filed in  
the Name of the Contractor  
Class Waiver (8/00)

**CONFIRMATORY LICENSE**

**Title: ELECTRONIC UNIT INTEGRATED INTO  
A FLEXIBLE POLYMER BODY**  
**Inventor(s): Peter Krulevitch, Mariam Maghribi,  
William Bennett, Julie Hamilton, Klint Rose, James  
C. Davidson, Mark S. Strauch**  
**Contract Number: W-7405-ENG-48**  
**Contractor: Regents of the University of California  
Lawrence Livermore National Laboratory**

**DOE Docket No.: S-99618**  
**Docket No.: IL-11014**  
**U.S. Patent Application S.N.: 10/323219**  
**Filing Date: 12/18/2002**  
**Waiver No.: W(C) 92-002**

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 June 15, 1999.

WHEREAS, the above-identified invention is a subject invention under the above-identified contract;


WHEREAS, the above-identified Class Waiver of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver.

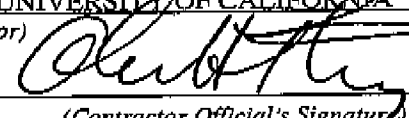
ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject 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:   
(Signature)  
Wendy R. Pebler, Paralegal  
(Name and Title)

By:  4/1/2003  
(Contractor Official's Signature) (Date)  
Alan H. Thompson, Deputy Laboratory  
(Print/Type Contractor Official's Name and Title)

Counsel for Intellectual Property  
Lawrence Livermore National Laboratory  
(Print/Type Contractor's Address)  
P. O. Box 808, L-701

Livermore, CA 94551-0808

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