

03-15-1999

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☒ New

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**Conveyance Type**

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

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☒ Departmental File

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**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name (line 1) BALDASARO, Paul F.

Execution Date  
Month Day Year  
5/20/1997

Name (line 2)

**Second Party**

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) United States Department of Energy

Name (line 2)

Address (line 1) 1000 Independence Avenue, S.W.

Address (line 2)

Address (line 3) Washington

District of Columbia

20585-162

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Name

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03/11/1999 DNGUYEN 00000193 012752 08867064

01 FC:581

40.00 CH

FOR OFFICE USE ONLY

Correspondent Name and Address

Area Code and Telephone Number

202-586-2810

Name Betty A. Winchester

Address (line 1) MS 6F-067 (FORSTL), GC-62

Address (line 2) United States Department of Energy

Address (line 3) 1000 Independence Avenue, S. W.

Address (line 4) Washington, D.C. 20585-162

Pages

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

# 2

Application Number(s) or Patent Number(s)

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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)

08/867,064

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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): \$

40.00 E

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

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

Deposit Account Number:

# 01-2752

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.

Betty A. Winchester

Name of Person Signing

Signature

3/4/1999

Date

U.S. DEPARTMENT OF ENERGY  
**PATENT ASSIGNMENT FORM**

08/867,064

WHEREAS, I, Paul F. Baldasaro, a citizen of the United States residing in Clifton Park, County of SARATOGA, State of New York, have invented certain new and useful improvements in A THERMOVOLTAGE SEMICONDUCTOR DEVICE INCLUDING A PLASMA FILTER for which I am about to file an application for United States Letters Patent identified as S-82,024 and; executed by me on 5/20/97 and;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to me in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, I by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me had this assignment not been made.

I agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and I agree that I will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

Sheldon R. Banks

INVENTOR:

Paul F. Baldasaro (SEAL)

Date 5/20/97

Approved and consented to this 20<sup>th</sup> day of May, 19 97

ATTEST:

(SEAL)

KAPL Inc., a Lockheed Martin Company

By [Signature]  
Its President

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

UNITED STATES DEPARTMENT OF ENERGY.

By Paul A. Jettick

Assistant General Counsel for Patents

**PATENT**

WITNESS:

Virginia B. Carass

RECORDED: 03/04/1999

REEL: 9805 FRAME: 0849