

04-18-2000



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U.S. Department of Commerce  
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Name (line 1) CHARACHE, Greg W.

Execution Date  
Month Day Year  
02/25/2000

Name (line 2)

### Second Party

Name (line 1) BALDASARO, Paul F.

Execution Date  
Month Day Year  
02/28/2000

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) GC-62, MS 6F-067 (FORSTL)

Address (line 2) 1000 Independence Avenue, S.W.

Address (line 3) Washington

D.C.

20585-0162

City

State/Country

Zip Code

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Area Code and Telephone Number

202-586-2810

Name Betty Winchester

Address (line 1) United States Department of Energy

Address (line 2) GC-62, MS 6F-067 (FORSTL)

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

Address (line 4) Washington, D.C. 20585-0162

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)

09/275263

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.

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Number of Properties

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# 1

Fee Amount

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

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Deposit Account

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Betty Winchester

Name of Person Signing

Signature

Date

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Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) **CAMPBELL, Brian C.**

Name (line 2)

Name (line 1)

Name (line 2)

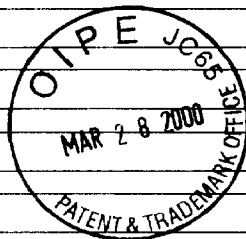
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**02/28/2000**

Execution Date  
Month Day Year

Execution Date  
Month Day Year



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Name (line 2)

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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

09/275263					

09/275,263

U. S. DEPARTMENT OF ENERGY  
PATENT ASSIGNMENT FORM

WHEREAS, we Greg W. Charache, Paul F. Baldasaro, Brian C. Campbell

citizens of the United States residing in Clifton Park

County of Saratoga, State of New York

residing in Clifton Park, County of Saratoga

State of New York, residing in Section

County of Schenectady State of New York

have invented certain new and useful improvements in \_\_\_\_\_

Variable Current-Voltage TPV Device for a Thermophotovoltaic Energy Conversion System

for which we are about to file an application for United States Letters Patent identified

as S-88,114; and; executed by us on 3/19/99, on 3/22/99

and on 3/22/99; 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, we 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, 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 or its assigns 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.

We 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, with 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 we agree that we 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, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

Shane Smith

INVENTORS:

Ying W. Chaoche (SEAL)

Date 2/25/2000

WITNESS:

Shane Smith

INVENTORS:

Paul J. Baldasari (SEAL)

Date 2/28/2000

WITNESS:

Shane Smith

INVENTORS:

Simon P. Campbell (SEAL)

Date 2/28/00

Approved and consented to this 28<sup>th</sup> day of February,

2000,

ATTEST:

\_\_\_\_\_

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

WITNESS:

William Baldasari

By [Signature]  
Assistant General Counsel for  
Intellectual Property