

7-28-99

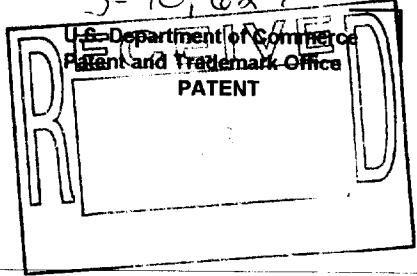
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FORM PTO-1619A
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Correspondent Name and Address

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

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

2

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Patent Application Number(s)

Patent Number(s)

09/305377

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

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Number of Properties

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#

Fee Amount

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

40.00

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Deposit Account

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Betty Winchester

Name of Person Signing

Signature

7-26-99

Date

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:

Steve Bards

INVENTORS:

Shamir R. Shah (SEAL)

Date 3/22/99

WITNESS:

J. J. Glavin
J. J. Glavin 3/16/99

INVENTORS:

Ch. R. L. L. (SEAL)

Date 3/16/99

Approved and consented to this 20th day of March,

19 99.

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:

Kathleen Baldwin

By [Signature]
Assistant General Counsel for
Intellectual Property