

Correspondent Name and Address

Area Code and Telephone Number

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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

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)

09/315835

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.

#

Fee Amount

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

40.00

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 Winchester

Name of Person Signing



Signature

7-26-99

Date

**RECORDATION FORM COVER SHEET
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PATENTS ONLY**

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

U.S. Department of Commerce
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PATENT

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Name (line 1)

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Name (line 2)

Name (line 1)

Execution Date
Month Day Year

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Execution Date
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Name (line 2)

Receiving Party

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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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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.)

Name (line 2)

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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)

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Joint

U.S. Department of Energy

09/315,835

PATENT ASSIGNMENT FORM

WHEREAS, we, Jerome W. Rathke, Robert J. Klingler, and Rex E. Gerald II,
citizens of the United States residing
in Yorkport, County of Will, State of Illinois;
in Westmont, County of DuPage, State of Illinois;
in Brockfield, County of Cook, State of Illinois;
and Klaus Woelk a citizen of the Federal Republic of Germany in WACHTBERG,
County of WACHTBERG, State of GERMANY;
have invented certain new and useful improvements NEAR-ELECTRODE IMAGER,
for which we are about to file an application for United States Letters Patent
identified as S-90,928 and executed by us on the 3rd day of May 1999
: and on the 3rd day of May 1999; and on the 21st day of April
19 99; and on the 3rd day of May 19 99;

WHEREAS, the Government of the United States desires to acquire the entire
right, title, and interest in and to 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 us 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, 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 are or may be
granted, reissued, or extended, as fully and entirely as the same would have been
held or enjoyed by us 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, 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 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 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 inventions 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.

- 2 -

WITNESS:

Sandra Classen
(SEAL)

WITNESS:

Sandra Classen



H.U. Winkler
(SEAL) DR. H. U. WINKLER

WITNESS:

Sandra Classen
(SEAL)

INVENTORS:

Jerome W. Ralphe

Date May 3, 1999

Robert J. Klingler

Date May 3, 1999

W. W. W. W. ←

Date 04/21/99

Prof E. J. J. J.

Date May 3, 1999

Approved and consented to this Tenth day of May, 1999.

ATTEST:

Lisa Messow
(SEAL)

James R. LaFavers

By James R. LaFavers

Its Deputy to Vice President

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

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Nathaniel Baldoni

By D. J. Ford
Assistant General Counsel for Patents