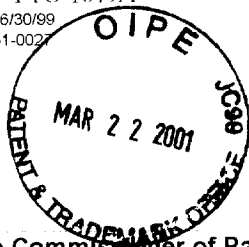


04-11-2001

5-89,087
U.S. Department of Commerce
Patent and Trademark Office
PATENT



101659494

RECORDATION FORM COVER SHEET
PATENTS ONLY

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

Submission Type

☒ New **3-22-01**
☐ Resubmission (Non-Recordation)
Document ID#
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel # Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other
U.S. Government
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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached
Execution Date
Month Day Year
10/09/1998

Name (line 1) JOHNSON, Dennis C.
Name (line 2)
Second Party
Name (line 1) HOUK, Linda L.
Name (line 2)
Execution Date
Month Day Year
10/09/1998

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
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.)

Domestic Representative Name and Address

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Name
Address (line 1)
Address (line 2) **40E**
Address (line 3)
Address (line 4)

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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. 20585-0162

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)

09/206958

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

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

Date

3-22-01

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) FENG, Jianren

Execution Date
Month Day Year
10/09/1998

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ 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
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Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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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)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)

09/206958

U.S. Department of Energy

09/206,958

PATENT ASSIGNMENT FORM

WHEREAS, we, Dennis C. Johnson, Linda L. Houk and Jianren Feng,
citizens of the United States ^{and China} residing
in Ames, County of Story, State of Iowa;
in Ames, County of Story, State of Iowa;
in Ames, County of Story, State of Iowa;
have invented certain new and useful improvements in Electrochemical
Membrane Incinerator, for which we are about to file an application for
United States Letters Patent identified as S-89,087 and executed by us on
the 9th day of October 19 98; and on the 9th day of October 1998;
and on the 9th day of October 1998;

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.

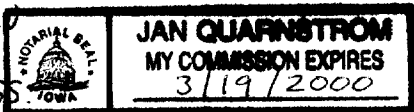
PATENT

REEL: 011720 FRAME: 0550

WITNESS:

Jan Quarnstrom

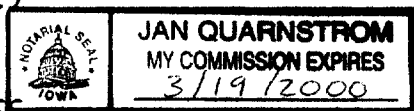
(SEAL)



WITNESS:

Jan Quarnstrom

(SEAL)



WITNESS:

Jan Quarnstrom

(SEAL)



INVENTORS:

Samuel C. Johnson

Date

Oct. 9, 1998Gundis L. Hook

Date

Oct. 9, 1998

INVENTORS:

Stanley Feng

Date

Oct. 9, 1998Approved and consented to this 9th day of October, 1998.

ATTEST:

Camie J. Stockhausen

(SEAL)

CAMIE J. STOCKHAUSEN
MY COMMISSION EXPIRES
JUNE 1, 2001

Iowa State University Research Foundation, Inc.

By K. Kikley November 30, 1998Its Executive Director

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

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Kathleen Baldwin

By

PL & [Signature]

Assistant General Counsel for Patents