

03-12-2003



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

3-84,604

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



Resubmission (Non-Recordation)

Document ID#



Correction of PTO Error

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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

Name (line 1) SHEEN, Shuh-Haw

Execution Date
Month Day Year
3/13/1998

Name (line 2)

Second Party

Name (line 1) CHIEN, Haul-Te

Execution Date
Month Day Year
3/13/1998

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1) U. S. Department of Energy

Name (line 2)

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

Address (line 2)

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.)

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Address (line 4)

03/11/2003 ECUOPER 00000242 012752 00038955

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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. 20585-0162

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)

08/838955

If this document is being filed together with a new Patent Application, enter the date the patent application was

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

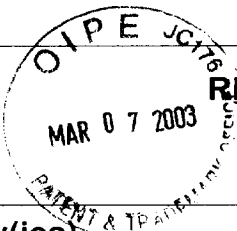
Name of Person Signing

Signature

Date

PATENT

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RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
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PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) RAPTIS, Apostolos C.

Execution Date
Month Day Year
03/13/1998

Name (line 2)

Name (line 1) KUPPERMAN, David S.

Execution Date
Month Day Year
03/02/1998

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

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Name (line 1)

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Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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)

08/838955

U.S. Department of Energy
PATENT ASSIGNMENT FORM

08/838,955

WHEREAS, we, Shuh-Haw Sheen, Hual-Te Chien, Apostolos C. Raptis and
David S. Kupperman., citizens of the United States residing and the Republic of China
in Naperville, County of Dupage, State of Illinois;
in Naperville, County of Dupage, State of Illinois;
in Downers Grove, County of Dupage, State of Illinois;
in Oak Park, County of Cook, State of Illinois;
have invented certain new and useful improvements in Method and Apparatus for Sizing and
Separating Warp Yarns, for which a patent application identified as U.S. Serial No.
08/838,955 was filed on April 23, 1997 and executed by us on the 24th day of March, 19 97; on the 26th day of March, 19 97; on the 25th day of March, 19 97; on the 24th day of March, 19 97; and

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 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.

WITNESS:

Sally A. Mall

INVENTORS:

Shirley-Haw Green (SEAL)

Date 3/13/98

WITNESS:

Sally A. Mall

Shirley-Haw Green (SEAL)

Date March 13, 1998

WITNESS:

Sally A. Mall

Carol B. Rapley (SEAL)

Date March 13, 1998

WITNESS:

Lisa Wassow

David S. Kepperman (SEAL)

Date March 2, 1998

Approved and consented to this 20th day of March, 1998.

ATTEST:

Samuel A. Rosen
Assistant Secretary of the
(SEAL) Board of Trustees

By James R. LaFevers
James R. LaFevers
Deputy to Vice President
for Argonne National Laboratory

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

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Kathleen R. Babin

By R. G. [Signature]
Assistant General Counsel for Patents

PATENT

RECORDED: 03/07/2003

REEL: 013820 FRAME: 0981