



10-31-2000

S-79,743
J.S. Department of Commerce
Patent and Trademark Office
PATENT



101499777

RECORDATION FORM COVER SHEET
PATENTS ONLY

9-7-02

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
Reel # _____ Frame # _____

Corrective Document
Reel # _____ Frame # _____

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Name (line 1) SCHMUCKER, John E.

Name (line 2) _____

Second Party Name (line 1) _____

Name (line 2) _____

Execution Date
Month Day Year
07/25/2000

Execution Date
Month Day Year

Mark if additional names of conveying parties attached

Receiving Party

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

Mark if additional names of receiving parties attached

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

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20251

REEL: 011182 FRAME: 0127

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.

1

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)

09/157266						

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.

Katherine Baldwin

Name of Person Signing

Katherine Baldwin
Signature

9-7-00
Date

09/157,266

AP93-023
DOE Case S-79,743

U.S. DEPARTMENT OF ENERGY
PATENT ASSIGNMENT

WHEREAS, I John E. Schmucker, citizen of the United States residing in Hurt,
County of N/A, State of Virginia, have
invented certain new and useful improvements in "A Raman Fiber Optic Probe Assembly for Use in Hostile Environments", for
which I am about to file an application for United States Letters Patent identified as S-79,743 and;
executed by me on September 18, 1998; 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, I 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, the
same to be held and enjoyed by the said Government of the United States 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.

I 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 I agree that I 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:
Jennifer L. Mayberry
(Signature of Witness)

INVENTOR:
John E. Schmucker John E. Schmucker (SEAL)
(Signature of Inventor)
Date July 25, 2000
325 712510x

Approved and consented to this 14th day of August, 2000.

ATTEST:
John Thomas
(SEAL)

W. C. Rogers
(Signature of Corporate Officer)
By Byron H. Ruth, Bechtel Bettis, Inc. DLT 8/3/00

Its President
(Title of Corporate Officer)

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

WITNESS:
Kathleen Baldwin

UNITED STATES DEPARTMENT OF ENERGY
By [Signature]
Assistant General Counsel for Technology
Transfer and Intellectual Property