

MAD 7-2-98

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

12-04-1998



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

E-0013

**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  
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)**

Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

06201997

**Second Party**

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

06241997

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

07/14/1998 DCOATES 00000123 030176 08876523

FOR OFFICE USE ONLY

01 FC:581 40.00 CH

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. 20231

**PATENT**  
**REEL: 9611 FRAME: 0393**

**Correspondent Name and Address**

Area Code and Telephone Number

412 - 494-8503

Name Suzanne Kikel

Address (line 1) ECC International Inc.

Address (line 2) Calgon Center

Address (line 3) P. O. Box 1346

Address (line 4) Pittsburgh, PA 15230

**Pages**

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

# 4

**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)

08876523

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:  
Deposit Account

Enclosed

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 03-0176

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.

Suzanne Kikel

Name of Person Signing

*Suzanne Kikel*  
Signature

*July 2, 1998*  
Date

**RECORDATION FORM COVER SHEET**  
**CONTINUATION**  
**PATENTS ONLY**

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Archer, Dona L.

Execution Date  
Month Day Year  
06241997

Name (line 2)

Execution Date  
Month Day Year  
06241997

Name (line 1) Yuan, Jun

Name (line 2)

Execution Date  
Month Day Year  
06201997

Name (line 1) Garska, Michael J.

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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 separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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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)**



RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

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Enter additional Conveying Parties

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Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

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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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ASSIGNMENT AND AGREEMENT

For value received, we, William L. Garforth, Robert J. Pruett, Dona L. Archer, Jun Yuan, Michael J. Garska and H. Vince Brown residing at 122 Windy Hill Way, Sandersville, GA 31082; 113 Cambridge Drive, Milledgeville, GA 31061; 304 Ridgeland Drive, Sandersville, GA 31082; 1646 Pine Valley Road, Milledgeville, GA 31061; 271 South Anderson Drive, Sandersville, GA 31082; and 607 Dogwood Drive, Sandersville, GA 31082 respectively,

hereby sell, assign and transfer to ECC INTERNATIONAL INC. a corporation of the State of Georgia, having offices at 100 Mansell Court East, Suite 300, Roswell, Georgia 30076, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to "METHOD FOR SEPARATING MIXTURE OF FINELY DIVIDED MINERALS AND PRODUCT THEREOF"

described in an application for Letters Patent of the United States, executed by each of us on even date herewith, and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Letters Patents which may be granted therefor, under any and all extensions, divisions, reissues and continuations of said Letters Patents.

We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

We hereby authorize and request our agent, Suzanne Kikel of said ECC INTERNATIONAL INC., to insert here in parentheses (Application Number 08/876,523, filed June 17, 1997) the filing date and application number of said application when known.

William L. Garforth  
William L. Garforth

Jun Yuan  
Jun Yuan

Robert J. Pruett  
Robert J. Pruett

Michael J. Garska  
Michael J. Garska

Dona L. Archer  
Dona L. Archer

H. Vince Brown  
H. Vince Brown

Signed at ECC International this 24<sup>th</sup> day of June, 1997.

State of Georgia  
County of Washington

Personally appeared before me the above-named Robert G. Luett  
to me known and known to me to be the person(s)  
who executed the foregoing instrument and acknowledged said instrument to be their free act and deed  
this 24 day of June, 1997.

Sandra Adams Ford  
**Notary Public**  
Notary Public, Washington County, Ga.  
My Commission Expires October 30, 2000.

Signed at ECC International this 24<sup>th</sup> day of June, 1997.

State of Georgia  
County of Washington

Personally appeared before me the above-named Dora L. Fisher  
to me known and known to me to be the  
person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act  
and deed this 24<sup>th</sup> day of June, 1997.

Sandra Adams Ford  
**Notary Public**  
Notary Public, Washington County, Ga.  
My Commission Expires October 30, 2000.

Signed at ECC International this 24<sup>th</sup> day of June, 1997.

State of Georgia  
County of Washington

Personally appeared before me the above-named Guo Yuan  
to me known and known to me to be the person(s)  
who executed the foregoing instrument and acknowledged said instrument to be their free act and deed  
this 24<sup>th</sup> day of June, 1997.

Janda Jane Frost  
Notary Public  
Notary Public, Washington County, Ga.  
My Commission Expires October 30, 2000.

Signed at ECC International this 24<sup>th</sup> day of June, 1997.

State of Georgia  
County of Washington

Personally appeared before me the above-named H. Vince Beard  
to me known and known to me to be the  
person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act  
and deed this 24<sup>th</sup> day of June, 1997.

Janda Jane Frost  
Notary Public  
Notary Public, Washington County, Ga.  
My Commission Expires October 30, 2000.

Signed at The Geo. D. Warthen Bank this 20th day of June, 19 97

State of Georgia  
County of Washington

Personally appeared before me the above-named William L. Garforth  
\_\_\_\_\_ to me known and known to me to be the person(s)  
who executed the foregoing instrument and acknowledged said instrument to be their free act and deed  
this 20th day of June, 19 97

Kathy Brooks  
\_\_\_\_\_  
Notary Public  
Notary Public, Washington Co., Ga.  
My Commission Expires Apr. 18, 1998.

Signed at The Geo. D. Warthen Bank this 20th day of June, 19 97

State of Georgia  
County of Washington

Personally appeared before me the above-named Michael J. Garska  
\_\_\_\_\_ to me known and known to me to be the  
person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act  
and deed this 20th day of June, 19 97

Kathy Brooks  
\_\_\_\_\_  
Notary Public  
Notary Public, Washington Co., Ga.  
My Commission Expires Apr. 18, 1998.



**CERTIFICATE**

COMMONWEALTH OF PENNSYLVANIA )  
 )  
COUNTY OF ALLEGHENY )

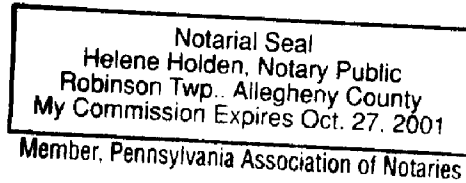
SS:

I certify that the attached copy of the Assignment and Agreement for Case No. E-0013, signed by William L. Garforth, Robert J. Pruett, Dona L. Archer, Jun Yuan, Michael J. Garska, and H. Vince Brown is a true, correct and complete copy.

In witness whereof, I hereunto set my hand and official seals.

*Helene Holden*

Notary Public



Date: November 17, 1998