

03-19-2001



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J. H. U.

**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
 02142001

Name (line 1) YU, Chin-Jye

Name (line 2)

Second Party

Name (line 1) CLAR, Terry D.

Name (line 2)

Execution Date
Month Day Year
 02142001

Receiving Party

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.)

Name (line 1) FRAUNHOFER USA, INC.

Name (line 2)

Address (line 1) 46025 Port Street

Address (line 2)

Address (line 3) Plymouth MI 48170

City State/Country Zip Code

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:
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PATENT
REEL: 011584 FRAME: 0747

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

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

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)

<input type="text" value="09/719,666"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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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
<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

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

Method of Payment: Enclosed Deposit Account

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

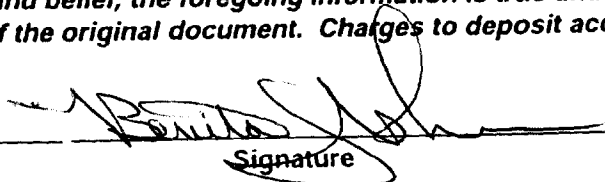
Deposit Account Number: #

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.

Benita J. Rohm
Name of Person Signing


Signature

February 20, 2001
Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) EIFERT, Harald H.

02142001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

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

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)

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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)

ASSIGNMENT

WHEREAS, **Chin-Jye Yu**, a citizen of the United States, whose post office address is 9 Abbey Road, Newark, Delaware 19702; **Terry Dennis Claar**, a citizen of the United States of America, whose post office address is 306 Fashion Circle, Newark, Delaware 19711; and **Harald Heinrich Eifert**, a citizen of Germany, whose post office address is 46 Quail Hollow Drive, Hockessin, Delaware 19707; hereinafter referred to as Assignors, have invented certain new and useful improvements relating to:

Use of Metal Foams in Armor Systems

described in an application for Letters Patent filed in the United States Patent and Trademark Office as PCT International Application **PCT/US00/06220** on **March 10, 2000** and afforded U.S. Serial No. **09/719,666**;

WHEREAS, Assignors, the said inventors, are the sole and exclusive inventors of said improvements, and

WHEREAS, **FRAUNHOFER USA, INC.**, a corporation created and existing under the laws of the State of Michigan, having a principal place of business at **46025 Port Street, Plymouth, MI 48170**, hereinafter referred to as Assignee, is desirous of acquiring a formal assignment of the interest in and to the aforementioned improvements, and in, to and under any and all Letters Patent of the United States and in any and all foreign countries thereof;

NOW, THEREFORE, this indenture witnesseth that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, Assignors, the said inventors, have sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Assignee, the said invention and application, and any and all divisions and continuations thereof, and any and all Letters Patent of the United States, its territorial possessions and any and all foreign countries which may be granted therefor, and any and all reissues or said Letters Patent, including the subject matter of any and all claims which may be obtained in every such patent, the same to be held and enjoyed by the said Assignee for its own use and advantage, and for the use and advantage of its successors, assigns, and other legal representatives, to the end of the term or terms for which said Letters Patent of the United States, territories, and foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignors, if this assignment and sale had not been made.

AND, Assignors hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention, or resulting from said application, and from any and all divisions and continuations thereof to the said Assignee, of the entire interest herein, and hereby covenants that he has not executed and will not execute any agreement in conflict therewith;

AND, Assignors further hereby covenants and agrees that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention and to such Letters Patent as may be granted therefor, in said Assignee, its successors, assigns or other legal representatives, and that if said Assignee, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation application, or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, divisional Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the filing of such divisional or continuing application, or such application for reissue and procuring thereof, and for filing of such disclaimers;

AND, Assignors does further covenant and agree, that they will, at any time, upon request, communicate to said Assignee, its successors, assigns, or other legal representatives, such facts relating to said invention and Letters Patent or to the history thereof, as may be known to them, and testify as to the same in any interference or other litigation when requested to do so.

IN WITNESS WHEREOF, we have hereunto set our hands and seal.

Chin-Jye Yu (L.S.)
Chin-Jye Yu

Dated: 02/14/01

STATE OF DELAWARE)
) SS:
COUNTY OF NEW CASTLE)

On this 14th day of February, 2001, before me personally appeared **Chin-Jye Yu** to me personally known to be the individual(s) described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he/she executed the same for the reason and purpose therein set forth.

Paula N. Jewton
Notary Public

(SEAL)

My Commission Expires: 06/25/04

Terry Dennis Claar (L.S.)
Terry Dennis Claar

Dated: 2/14/01

Harald Eifert (L.S.)
Harald Heinrich Eifert

Dated: 2-14-2001

STATE OF DELAWARE)
) SS:
COUNTY OF NEW CASTLE)

On this 14th day of February, 2001, before me personally appeared **Terry Dennis Claar** to me personally known to be the individual(s) described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he/she executed the same for the reason and purpose therein set forth.

Paul W. Jentson
Notary Public

(SEAL)

My Commission Expires: 6/25/04

STATE OF DELAWARE)
) SS:
COUNTY OF NEW CASTLE)

On this 14th day of February, 2001, before me personally appeared **Harald Heinrich Eifert** to me personally known to be the individual(s) described hereinabove who executed the foregoing Assignment, and who acknowledged to me that he/she executed the same for the reason and purpose therein set forth.

Paul W. Jentson
Notary Public

(SEAL)

My Commission Expires: 6/25/04