

Form PTO-1595 - Modified

01-15-2004

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissic

102647233

ached original documents or copy thereof.

1. Name of conveying party(ies):
Frederick M. Shofner
Yupeng Zhang
Christopher K. Shofner

1-6-04

2. Name and address of receiving party(ies)
Name: Shofner Engineering Associates, Inc.
Address: 12303 Singing Hills Point

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 1/5/04, 1/6/04, 1/6/04

City: Knoxville State: TN Zip: 37922

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

10752873

If this document is being filed together with a new application, the execution date of the application is: 1/6/2004

A. Patent Application No.(s) 60/438,681

B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Steven C. Schnedler

Address: Carter Schnedler & Monteith, PA

56 Central Ave., Suite 101

P.O. Box 2985

City: Asheville State: NC Zip: 28802

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41).....\$ 80.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Steven C. Schnedler
Name of Person Signing

January 6, 2004
Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Rocordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

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10752873
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Docket Nos. SEA-19, SEA-19-P

ASSIGNMENT

In consideration of the sum of One Dollar and other good and valuable consideration, of which I acknowledge receipt, I, FREDERICK M. SHOFNER of Knoxville, Tennessee, sell and assign to SHOFNER ENGINEERING ASSOCIATES, INC., a corporation of the state of Tennessee, having a business address of 12303 Singing Hills Point, Knoxville, TN 37922 (hereinafter Assignee), its successors and assigns, my entire right, title and interest in and to:

The improvements in IMAGE-BASED FIBER LENGTH MEASUREMENTS FROM TAPERED BEARDS, co-invented by Frederick M. Shofner, Yupeng Khang and Christopher K. Shofner, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States patent application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Assignee, or its successors or assigns, and agree that on request and without further consideration, but at the expense of said Assignee I will communicate to said Assignee or its representative or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries; and

United States Provisional Patent Application Ser. No. 60/438,681, filed January 7, 2003, titled TRUE SHORT FIBER CONTENT: COMPLETE FIBER LENGTH DISTRIBUTIONS FROM TAPERED BEARDS, including the inventions of said United States provisional patent application and all rights of priority resulting from the filing of said United States provisional patent application.

Date: 1/5/04
FREDERICK M. SHOFNERPage 1 of 1
FMS
1/5/04PATENT
REEL: 014876 FRAME: 0279

Docket Nos. SEA-19, SEA-19-P

ASSIGNMENT

In consideration of the sum of One Dollar and other good and valuable consideration, of which I acknowledge receipt, I, YUPENG ZHANG of Rensselaer, New York, sell and assign to SHOFNER ENGINEERING ASSOCIATES, INC., a corporation of the state of Tennessee, having a business address of 12303 Singing Hills Point, Knoxville, TN 37922 (hereinafter Assignee), its successors and assigns, my entire right, title and interest in and to:

The improvements in IMAGE-BASED FIBER LENGTH MEASUREMENTS FROM TAPERED BEARDS, co-invented by Frederick M. Shofner, Yupeng Zhang and Christopher K. Shofner, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States patent application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Assignee, or its successors or assigns, and agree that on request and without further consideration, but at the expense of said Assignee I will communicate to said Assignee or its representative or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries; and

United States Provisional Patent Application Ser. No. 60/438,681, filed January 7, 2003, titled TRUE SHORT FIBER CONTENT: COMPLETE FIBER LENGTH DISTRIBUTIONS FROM TAPERED BEARDS, including the inventions of said United States provisional patent application and all rights of priority resulting from the filing of said United States provisional patent application.

Date: 1/6/2004 
YUPENG ZHANG

Docket Nos. SEA-19, SEA-19-P

STATE OF New York)
)
COUNTY OF Rensselaer) ss:

This 6th day of January, 2004 before me personally came the above-named YUPENG ZHANG, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Ann L. Carroll
NOTARY PUBLIC

My Commission Expires: May 31, 2006

Ann L. Carroll
Notary Public, State of New York
Residing in Rensselaer County
My Commission Expires May 31, 2006

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Docket Nos. SEA-19, SEA-19-P

ASSIGNMENT

In consideration of the sum of One Dollar and other good and valuable consideration, of which I acknowledge receipt, I, CHRISTOPHER K. SHOFNER of Ennis, Texas, sell and assign to SHOFNER ENGINEERING ASSOCIATES, INC., a corporation of the state of Tennessee, having a business address of 12303 Singing Hills Point, Knoxville, TN 37922 (hereinafter Assignee), its successors and assigns, my entire right, title and interest in and to:

The improvements in IMAGE-BASED FIBER LENGTH MEASUREMENTS FROM TAPERED BEARDS, co-invented by Frederick M. Shofner, Yupeng Zhang and Christopher K. Shofner, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States patent application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Assignee, or its successors or assigns, and agree that on request and without further consideration, but at the expense of said Assignee I will communicate to said Assignee or its representative or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries; and

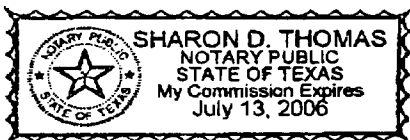
United States Provisional Patent Application Ser. No. 60/438,681, filed January 7, 2003, titled TRUE SHORT FIBER CONTENT: COMPLETE FIBER LENGTH DISTRIBUTIONS FROM TAPERED BEARDS, including the inventions of said United States provisional patent application and all rights of priority resulting from the filing of said United States provisional patent application.

Date: 1/06/04
CHRISTOPHER K. SHOFNER

Docket Nos. SEA-19, SEA-19-P

STATE OF Texas)
)
COUNTY OF Ellis) ss:

This 6th day of January, 2004 before me personally came the above-named CHRISTOPHER K. SHOFNER, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Sharon D. Thomas
NOTARY PUBLIC

My Commission Expires: _____

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