

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph Edward Stager</td> <td>07/11/2008</td> </tr> <tr> <td>James Richard Johnston</td> <td>07/11/2008</td> </tr> <tr> <td>Charles Whitehill Friday</td> <td>07/11/2008</td> </tr> </tbody> </table>		Name	Execution Date	Joseph Edward Stager	07/11/2008	James Richard Johnston	07/11/2008	Charles Whitehill Friday	07/11/2008		
Name	Execution Date										
Joseph Edward Stager	07/11/2008										
James Richard Johnston	07/11/2008										
Charles Whitehill Friday	07/11/2008										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Triangle Fastener Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1925 Preble Avenue</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15233</td> </tr> </table>		Name:	Triangle Fastener Corporation	Street Address:	1925 Preble Avenue	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15233
Name:	Triangle Fastener Corporation										
Street Address:	1925 Preble Avenue										
City:	Pittsburgh										
State/Country:	PENNSYLVANIA										
Postal Code:	15233										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13729186</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13729186						
Property Type	Number										
Application Number:	13729186										
CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-471-8815</p> <p>Email: webblaw@webblaw.com</p> <p>Correspondent Name: The Webb Law Firm</p> <p>Address Line 1: One Gateway Center, 420 Ft Duquesne Blvd</p> <p>Address Line 2: Suite 1200</p> <p>Address Line 4: Pittsburgh, PENNSYLVANIA 15222</p>											
ATTORNEY DOCKET NUMBER:	5638-123323										
NAME OF SUBMITTER:	Adam J. Komorowski										
<p>Total Attachments: 4</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> <p>source=Assignment#page3.tif</p> <p>source=Assignment#page4.tif</p>											

OP \$40.00 13729186

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Joseph Edward Stager  
James Richard Johnston  
Charles Whitehill Friday

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) July 11, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Triangle Fastener Corporation

Internal Address: \_\_\_\_\_

Street Address: 1925 Preble Avenue

City: Pittsburgh

State: Pennsylvania

Country: USA Zip: 15233

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/108,575

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kent E. Baldauf, Jr.

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue  
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-471-4094

Email Address: webblaw@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 1059  
Expiration Date 08/2010

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**



Signature

July 15, 2008

Date

Kent E. Baldauf, Jr.

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

DOMESTIC  
Application No. 12/108,575  
Attorney Docket No. 5638-073952

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

THREADED FASTENER

(Invention Title)

☐ for which a United States Provisional Patent application was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☒ for which an application for a United States Patent was filed on 04/24/2008 (mm/dd/yyyy) and bears Application Number 12/108,575 (hereinafter "said application").

AND/OR

☐ for which an international patent application was filed under the Patent Cooperation Treaty on \_\_\_\_\_ (mm/dd/yyyy), bearing Application No. \_\_\_\_\_ (hereinafter "said application").

AND, WHEREAS, Triangle Fastener Corporation, a corporation of Pennsylvania, having a place of business at 1925 Preble Avenue, Pittsburgh, Pennsylvania 15233, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue,

DOMESTIC  
Application No. 12/108.575  
Attorney Docket No. 5638-073952

continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:  
Joseph Edward Stager

RESIDENCE:  
Valley City, Ohio

EXECUTED this 11 day of July, 2008

Joseph Edward Stager  
SIGNATURE

STATE of PA

COUNTY of ALLEGHENY

On this 11 day of JULY, in the year 2008, before me MARY K. HEIT,  
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared JOSEPH EDWARD STAGER,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

Mary K. Heit  
NOTARY PUBLIC

S  
E  
A  
L

~~~~~

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Mary K. Heit, Notary Public  
City Of Pittsburgh, Allegheny County  
My Commission Expires Apr. 16, 2010  
Member, Pennsylvania Association of Notaries

☒ Checked Box indicates 1 additional page(s) for inventor signatures.

DOMESTIC  
Application No. 12/108,575  
Attorney Docket No. 5638-073952

2. FULL NAME OF ASSIGNOR:  
James Richard Johnston

RESIDENCE:  
Bethel Park, Pennsylvania

EXECUTED this 11 day of July, 2008

James Richard Johnston  
SIGNATURE

STATE of PA

COUNTY of ALLEGHENY

On this 11 day of JULY, in the year 2008, before me MARY K. HELT,  
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared JAMES RICHARD JOHNSTON,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

Mary K. Helt  
NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal A  
Mary K. Helt, Notary Public  
City Of Pittsburgh, Allegheny County  
My Commission Expires Apr. 16, 2010  
Member, Pennsylvania Association of Notaries

3. FULL NAME OF ASSIGNOR:  
Charles Whitehill Friday

RESIDENCE:  
Pittsburgh, Pennsylvania

EXECUTED this 11 day of July, 2008

Charles Whitehill Friday  
SIGNATURE

STATE of PA

COUNTY of ALLEGHENY

On this 11 day of JULY, in the year 2008, before me MARY K. HELT,  
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared CHARLES WHITEHILL FRIDAY,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

Mary K. Helt  
NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Mary K. Helt, Notary Public  
City Of Pittsburgh, Allegheny County  
My Commission Expires Apr. 16, 2010  
Member, Pennsylvania Association of Notaries