PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joseph Edward Stager	07/11/2008
James Richard Johnston	07/11/2008
Charles Whitehill Friday	07/11/2008

RECEIVING PARTY DATA

Name:	Triangle Fastener Corporation	
Street Address:	1925 Preble Avenue	
City:	Pittsburgh	
State/Country:	ry: PENNSYLVANIA	
Postal Code: 15233		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13157487

CORRESPONDENCE DATA

Fax Number: (412)945-5933

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Phone: 4124718815

Email: assignments@webblaw.com

Correspondent Name: The Webb Law Firm

Address Line 1: 420 Ft. Duquesne Blvd., Suite 1200 Address Line 4: Pittsburgh, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	5638-111872
NAME OF SUBMITTER:	Kent E. Baldauf, Jr.

Total Attachments: 4

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> PATENT REEL: 026555 FRAME: 0333

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Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

RECORDATION FORM COVER SHEET DATENTS ONLY				
PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(ies) Joseph Edward Stager James Johnston Charles Friday	2. Name and address of receiving party(ies) Name: Triangle Fastener Corporation Internal Address:			
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 4. Application or patent number(s): This A. Patent Application No.(s) 13/157,487	Street Address: 1925 Preble Avenue City: Pittsburgh State: PA Country: US Zip: 15233 Additional name(s) & address(es) attached? Yes No document is being filed together with a new application. B. Patent No.(s)			
Additional numbers at 5. Name and address to whom correspondence	ached? ☐ Yes ✔ No 6. Total number of applications and patents			
concerning document should be mailed: Name: Kent E. Baldauf, Jr.	involved: 1			
Internal Address: The Webb Law Firm	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			
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	Enclosed None required (government interest not affecting title)			
City: Pittsburgh	8. Payment Information			
State: <u>PA</u> Zip: <u>15222</u>	a. Credit Card Last 4 Numbers 4775 Expiration Date 05/2012			
Phone Number: 412-471-8815	b. Deposit Account Number 23-0650			
Fax Number: 412-945-5933 Email Address: assignments@webblaw.com	Authorized User Name			
9. Signature:	T1 7 2011			
Signature	July 7, 2011 Date			
Kent E. Baldauf, Jr. Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

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
	5.60.5.00.50
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 Haited States Drawinianal Detant ambiention was filed on			
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			
X 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:	RESIDENCE:
Joseph Edward Stager	Valley City, Ohio
EXECUTED this \(\begin{aligned} \day \text{of} & \lefta \\ \text{STATE of} & \emptyset \text{A} \\ \end{aligned}	, 2008 SIGNATURE
COUNTY of ALLEGITEMY)	
On this // day of JULY, in the	e year $\frac{200 \text{V}}{\text{year}}$, before me $\frac{MAQVK/4ccT}{\text{NOTARY PUBLIC NAME}}$
a notary public, personally appeared	OSEPH EDWARD STACER, NAME OF DOCUMENT SIGNER
proved on the basis of satisfactory eviden	ace to be the person whose name is subscribed to this
instrument, and acknowledged he/she execute	ed the same. Witness my hand and official seal.
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	NOTARY PUBLIC
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COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Mary K. Heit, Notary Public City Of Pittsburgh, Allegheny County My Cammission Expires Apr. 16, 2010

Member, Pennsylvania Association of Notaries

1	Checked Box indicates	_1_	additional	page(s)	for inventor	signatures
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	Application No12/108,575
	Attorney Docket No. 5638-073952
2. FULL NAME OF ASSIGNOR:	RESIDENCE:
James Richard Johnston	Bethel Park, Pennsylvania
EXECUTED this // day of ノレンソ	_,2008
0	(SIGNATURE)
STATE of <i>PA</i>	O SIGNAT GLOS
COUNTY of ALLEGITERY)	
On this // day of July, in the year	year 2008, before me MARY & HECT,
a notary public, personally appeared	year 2018, before me MARY KIFECT, NOTARY PUBLIC NAME NAME OF DOCUMENT SIGNER NAME OF DOCUMENT SIGNER
proved on the basis of satisfactory evidence	NAME OF DOCUMENT SIGNER e to be the person whose name is subscribed to this
instrument, and acknowledged he/she executed	
	man Xxeet
	Netary Public S
: :	COMMONWEALTH OF PENNEYLVANIA
	Notarial Seal A Many K. Helt, Notary Public
	City Of Pittsburgh, Allegheny County W. County Spring Start Spring Apr. 16, 2010
	Member, Pennsylvania Association of Notaries
3. FULL NAME OF ASSIGNOR: . Charles Whitehill Friday	RESIDENCE: Pittsburgh, Pennsylvaina
EXECUTED this // day of Jucy	
~~~	SIGNATURE /
STATE of A	
COUNTY of ALLEGHENT)	224 1.6 1/2 224 1/1/ -
On this // day of JULY, in the y	year 2018, before me MARY KHECT,  YEAR NOTARY PUBLIC NAME  AME OF DOCUMENT SIGNER  NAME OF DOCUMENT SIGNER
a notary public, personally appeared	NAME OF DOCUMENT SIGNER
proved on the basis of satisfactory evidence	e to be the person whose name is subscribed to this
instrument, and acknowledged he/she executed	
	NOTARY PUBLIC
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	<b>L</b>
	COMMONWEALTH OF PENNSYLVANI Notarial Seal
	Many K. Helt, Notary Public City Of Pittsburgh, Allegheny County
	My Gommission Expires Apr. 16, 2010

Page 3 of 3

PATENT REEL: 026555 FRAME: 0337