## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Richard J. ERNST	11/03/2009
Mark E. GONCIARZ	11/04/2009
Donald J. BROOMFIELD	11/03/2009

## **RECEIVING PARTY DATA**

Name:	ILLINOIS TOOL WORKS INC.
Street Address:	3600 West Lake Avenue
City:	Glenview
State/Country:	ILLINOIS
Postal Code:	60026-1215

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12913503

## **CORRESPONDENCE DATA**

Fax Number: (312)201-0022

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

Phone: 312-201-0011

Email: uspto@beemlaw.com

Correspondent Name: BEEM PATENT LAW FIRM

Address Line 1: 53 W. JACKSON BLVD., SUITE 1352
Address Line 4: CHICAGO, ILLINOIS 60604-3787

ATTORNEY DOCKET NUMBER:	22950
NAME OF SUBMITTER:	John R Linzer

**Total Attachments: 3** 

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# ASSIGNMENT

For valuable and sufficient consideration from Illinois Tool Works Inc. (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at 3600 West Lake Avenue, Glenview, Illinois 60026-1215, receipt of such consideration being hereby acknowledged, I/we,

1) Richard J. ERNST	2) Mark E. GONCIARZ	2) Mark E. GONCLARZ		
3) Donald J. BROOMFIELD	4)			
become one than any war the colonies	Application Sensorous application and applicat	uelin Dake eleka an i kaanna.		
nercoy sen, assign and convey unto	Assignce, its successors and assigns, my/our er	wire right, title and interest:		
(1) in and to an invention entitled	for which I/we have ex stent Application on even date herewith, and, if Application No(s). filed on	ecuted a PCT Patent applicable, which claims the i		
(2) in and to an invention entitled "; Provisional Application No(s)6]/	Self-Drilling Fastener" for which I/we previous 257,355 filed on November 2, 20	ly filed United States 09; and		
Application(s) and in and to all othe countries foreign to the United State applications, and legal equivalents to	cation, United States Patent Application and/or or patent applications now or hereafter filed in the es (including divisional, continuation, reexamin thereof) based upon said invention, and in and to , including reissues or the like thereof, if any, to its may be granted or issued.	he United States and ation, and reissue o the patent or patents		
any applicable international treaties	ons of any countries foreign to the United States and/or conventions based upon said invention( priority to any earlier filed applications based u	s) shall be filed in the name		
further consideration to me/us, exec successors or assigns, to be necessa	shall, upon demand of Assignce, its successors tate any and all papers that may be necessary, or ry, to be a complete fulfillment of the intent and any expense incident to the execution of such s, and not by me/us.	r deemed by Assignce, its I purposes of this		
1) Kah-Mai-T	<u>\\/3/09\</u> 2)			
Name: Richard J. ERNSY	Date 2) Name: Mark E. GONCI	ARZ Owe		
3)	4			
Name: Donald J. BROOMFIELD	Date Name:	Date		

PATENT REEL: 025206 FRAME: 0691

# ASSIGNMENT

For valuable and sufficient consideration a Delaware corporation having its principal 60026-1215, receipt of such consideration	ipal place of business at 3600	West Lake Avenue, Gler	
1) Richard J. ERNST	2) Mark E. G	ONCIARZ	
3) Donald J. BROOMFIELD	4)		
hereby sell, assign and convey unto Ass	ignee, its successors and assign	ns, my/our entire right, t	title and interest:
(1) in and to an invention entitled Application and/or United States Patent benefit of United States Provisional App	Application on even date here	I/we have executed a PC ewith, and, if applicable, iled on;	which claims the
(2) in and to an invention entitled "Self-Provisional Application No(s). <u>61/257</u> ,		/we previously filed Univember 2, 2009_; and	ited States
(3) in and to said PCT Patent Application Application(s) and in and to all other par countries foreign to the United States (in applications, and legal equivalents there granted thereon or issued therefrom, ince terms for which said patent or patents m	tent applications now or herea neluding divisional, continuation of) based upon said invention, luding reissues or the like ther	on, reexamination, and in and in and to the patent	States and reissue tor patents
I/we agree that any patent applications of any applicable international treaties and of Assignee with the right to claim prior	or conventions based upon sa	id invention(s) shall be	filed in the name
I/we hereby further agree that I/we shall further consideration to me/us, execute a successors or assigns, to be necessary, to Assignment, it being understood that any Assignee, its successors and assigns, and	any and all papers that may be be a complete fulfillment of y expense incident to the exec	necessary, or deemed b the intent and purposes	y Assignee, its of this
I/we hereby further agree and authorize all other appropriate government officia all above-identified patents to Assignee.	ls for applicable countries fore		
Name: Richard J. ERNST  Date of the control of	2) M/L	Mark E CONCLARZ	) 11/4/09 Date
3)	4)		
Name: Donald J. BROOMFIELD Date	te Name:	DATEN	Date T

**PATENT** REEL: 025206 FRAME: 0692

Docket	22950-P1
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# ASSIGNMENT

1) Richard J. ERNST  2) Mark E. GONCIARZ  3) Donald J. BROOMFIELD  4)  hereby sell, assign and convey unto Assignee, its successors and assigns, my/our entire right, title and interest [1] in and to an invention entitled for which I/we have executed a PCT Patent Application and/or United States Patent Application on even date herewith, and, if applicable, which claims thenefit of United States Provisional Application No(s). filed on	For valuable and sufficient considers a Delaware corporation having its pr 60026-1215, receipt of such consider	rincipal place of business at	3600 West Lake Avenue, C	l to as "Assignee"). Henview, Illinois
hereby sell, assign and convey unto Assignee, its successors and assigns, my/our entire right, title and interest  (1) in and to an invention entitled	1) Richard J. ERNST	2) Mar	k E. GONCIARZ	
(1) in and to an invention entitled	3) Donald J. BROOMFIELD	4)		
Application and/or United States Patent Application on even date herewith, and, if applicable, which claims the benefit of United States Provisional Application No(s)	hereby sell, assign and convey unto	Assignee, its successors and	l assigns, my/our entire righ	nt, title and interest:
Provisional Application No(s). 61/257.355 filed on November 2, 2009; and  (3) in and to said PCT Patent Application, United States Patent Application and/or United States Provisional Application(s) and in and to all other patent applications now or hereafter filed in the United States and countries foreign to the United States (including divisional, continuation, reexamination, and reissue applications, and legal equivalents thereof) based upon said invention, and in and to the patent or patents granted thereon or issued therefrom, including reissues or the like thereof, if any, to the full end of the term of terms for which said patent or patents may be granted or issued.  I/we agree that any patent applications of any countries foreign to the United States which may be filed under any applicable international treaties and/or conventions based upon said invention(s) shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention(s).  I/we hereby further agree that I/we shall, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.  I/we hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any an all above-identified patents to Assignee.	Application and/or United States Par	tent Application on even da	te herewith, and, if applicab	ole, which claims th
Application(s) and in and to all other patent applications now or hereafter filed in the United States and countries foreign to the United States (including divisional, continuation, reexamination, and reissue applications, and legal equivalents thereof) based upon said invention, and in and to the patent or patents granted thereon or issued therefrom, including reissues or the like thereof, if any, to the full end of the term of terms for which said patent or patents may be granted or issued.  I/we agree that any patent applications of any countries foreign to the United States which may be filed under any applicable international treaties and/or conventions based upon said invention(s) shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention(s).  I/we hereby further agree that I/we shall, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.  I/we hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any and all above-identified patents to Assignee.	(2) in and to an invention entitled "S Provisional Application No(s). 61/2	Self-Drilling Fastener" for w 257,355 filed o	hich I/we previously filed to November 2, 2009; an	United States ad
any applicable international treaties and/or conventions based upon said invention(s) shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention(s).  I/we hereby further agree that I/we shall, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.  I/we hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any an all above-identified patents to Assignee.	Application(s) and in and to all othe countries foreign to the United State applications, and legal equivalents to granted thereon or issued therefrom.	r patent applications now or s (including divisional, con hereof) based upon said inv , including reissues or the li	r hereafter filed in the Unite tinuation, reexamination, ar ention, and in and to the pat ke thereof, if any, to the full	d States and ad reissue tent or patents
further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.  I/we hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any an all above-identified patents to Assignee.	any applicable international treaties	and/or conventions based u	pon said invention(s) shall b	be filed in the name
all other appropriate government officials for applicable countries foreign to the United States to issue any an all above-identified patents to Assignce.	further consideration to me/us, execusuccessors or assigns, to be necessar Assignment, it being understood that	ute any and all papers that n ry, to be a complete fulfillm it any expense incident to th	nay be necessary, or deemed ent of the intent and purpos	d by Assignee, its es of this
1) Name: Richard J. ERNST Date Name: Mark E. GONCIARZ Date	all other appropriate government of	ficials for applicable countri		
- P - 1	1) Name: Richard J. ERNST	Date 2)	iame: Mark E. GONCIARZ	Date

4) Name:

PATENT REEL: 025206 FRAME: 0693

Date

**RECORDED: 10/27/2010**