

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bernard J. Vogel	03/06/2009
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:	12399756
CORRESPONDENCE DATA	
Fax Number:	(281)970-4503
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	281-970-4545
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Correspondent Name:	FLETCHER YODER (ILLINOIS TOOL WORKS INC.
Address Line 1:	P.O. BOX 692289
Address Line 4:	HOUSTON, TEXAS 77269-2289
ATTORNEY DOCKET NUMBER:	ITWO:0283/YOD (22635)
NAME OF SUBMITTER:	Patrick S. Yoder
Total Attachments: 2 source=22635_Assignment_06MAR2009#page1.tif source=22635_Assignment_06MAR2009#page2.tif	

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PATENT
REEL: 022363 FRAME: 0759

PATENT: Assignment
22635**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,

Bernard J. Vogel

of

Troy, Ohio - USA

hereby sell and assign and convey unto Assignee, its successors and assigns, my/our entire right, title and interest:

(1) in and to an invention entitled "**BATTERY CHARGER USING PHASE SHIFT DOUBLE FORWARD CONVERTING CIRCUIT**" for which I/we have executed a PCT Patent Application and/or United States Patent Application on even date herewith or filed on _____, which received Application No(s). _____, and, if applicable, which claims the benefit of United States Provisional Application No(s). _____ filed on _____;

(2) in and to an invention entitled "_____" for which I/we previously filed United States Provisional Application No(s). _____ filed on _____; 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 or terms for which said patent or patents may be granted or issued.

I/we authorize and request that any attorney associated with **PTO Customer No. 52145** may insert additional information identifying said PCT Patent Application, United States Patent Application and/or United States Provisional Application(s) after execution of this agreement;

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.

PATENT: Assignment
22635

INVENTOR 1:

Mar. 6, 2009Bernard J. Vogel
Bernard J. VogelState of Wisconsin
County of Dodge } §§

This 6th day of March, 2009, before me personally came the above-named **Bernard J. Vogel**, 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.

(SEAL)

Mary A. Baker
Notary Public, State of Wisconsin
My Commission: 6/17/2012