

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALEKSEY KLOCHKOV	05/19/2014
PETER GEFTER	05/19/2014
LESLIE W. PARTRIDGE	05/20/2014
RECEIVING PARTY DATA	
Name:	ILLINOIS TOOL WORKS INC.
Street Address:	155 HARLEM AVENUE
City:	GLENVIEW
State/Country:	ILLINOIS
Postal Code:	60025
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15487610
CORRESPONDENCE DATA	
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Address Line 4:	CHICAGO, ILLINOIS 60661
ATTORNEY DOCKET NUMBER:	61192US03 (65319-B)
NAME OF SUBMITTER:	MATTHEW E. MARRONE
SIGNATURE:	/Matthew E. Marrone/
DATE SIGNED:	04/14/2017
Total Attachments: 1	
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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 155 Harlem Avenue, Glenview, Illinois 60025, receipt of such consideration being hereby acknowledged, I/we,

- | | |
|------------------------|-----------------|
| 1) Aleksey KLOCHKOV | 2) Peter GEFTER |
| 3) Leslie W. PARTRIDGE | 4) |
| 5) | 6) |

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 "**IMPROVED WIRE ELECTRODE CLEANING IN IONIZING BLOWERS**" for which I/we have executed a PCT Patent Application and/or United States Patent Application, and, if applicable, which claims the benefit of United States Provisional Applications Ser. No. filed and entitled "";

(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 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.

1) <u>Aleksovkou</u> <u>5.19.2014</u>	2) <u>P. Gefter</u> <u>05/19/2014</u>
Name: Aleksey KLOCHKOV Date	Name: Peter GEFTER Date
3) <u>Leslie W Partridge</u> <u>5/20/2014</u>	4) _____
Name: Leslie W. PARTRIDGE Date	Name: _____ Date
5) _____	6) _____
Name: _____ Date	Name: _____ Date

PATENT