

06-05-2003

FORM PTO-1595
13192



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PATENTS ONLY

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No. ITW-13910

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Tim A. Matus and
Lin Zhang

5-27-03

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

Illinois Tool Works Inc.

3600 West Lake Avenue
Street Address:

Glenview IL 60025
City: State: Zip:

Additional name(s) & address(es) attached Yes No

3. Assignment Merger
 Security Agreement Change of Name
 Other: _____
Date of Execution: 5/19/03, 5/21/03

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

5/19/03; 5/21/03

If this document is being filed together with a new application, the execution date of the application is:

A Patent Application No(s)

B. Patent No(s)

Title: Method and Apparatus for
Initiating Welding Arc
Using Chemical Spray

05/30/2003 SSITHIB1 00000017 10446578

40.00 OP

Additional numbers attached? Yes No

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

Name: Dennis M. Flaherty

Internal Address: Ostrager Chong & Flaherty LLP

825 Third Ave., 30th Fl.

Street Address: New York NY 10022
City: State: Zip:

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dennis M. Flaherty

Name of Person Signing

Dennis Flaherty
Signature

May 27, 2003

Date

4236/Assign Recordation Cvr Sh

Total number of pages comprising cover sheet: 1

PATENT
REEL: 014123 FRAME: 0132

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we, TIM A. MATUS, residing at 838 Fawnway, San Antonio, Texas 78258, and LIN ZHANG residing at 1405 W. Seneca Drive, Appleton, Wisconsin 54914, hereby sell and assign to Illinois Tool Works Inc. (hereinafter "said Company"), a corporation incorporated under the laws of the State of Delaware and having a principal place of business at 3600 West Lake Avenue, Glenview, Illinois 60025-5811, its successors and assigns the entire right, title and interest in and to the improvements in METHOD AND APPARATUS FOR INITIATING WELDING ARC USING CHEMICAL SPRAY, invented by us, as described and claimed in the application for United States patent executed concurrently herewith, and any and all applications for patent therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Company, or its successors or assigns, and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said

Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

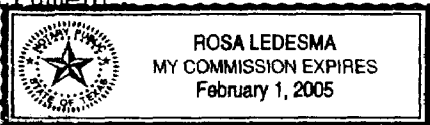
Full name of first joint inventor: TIM A. MATUS

Inventor's signature: T. A. Matus 5/21/03
DATE

State of Texas

County of Bexar

On this 21 day of May, in the year 2003, before me personally appeared TIM A. MATUS, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument



WITNESS my hand and official seal.

SEAL

Rosa Ledesma
Signature of Notary Public

Full name of second joint inventor: LIN ZHANG

Inventor's signature: Zhang XZ

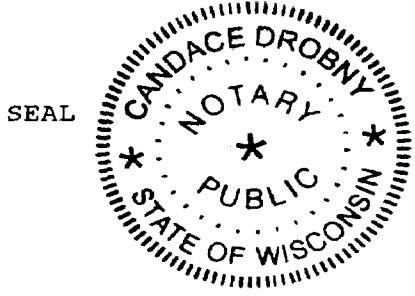
5-17-03
DATE

State of Wisconsin

County of OUTAGAMIE

On this 19 day of May, in the year 2003, before me personally appeared LIN ZHANG, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person executed the instrument.

WITNESS my hand and official seal.



Candace Droby
Signature of Notary Public