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Atty Ref/Docket No.: 1825.009US1

09.04.04

Patent and Trademark Office

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

1. Name of conveying party(ies):

Saeed Shafiyan-Rad and Weihua Chen

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: September 8, 2004, September 8, 2004

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

Name: Rockwell Automation Technologies, Inc.

Street Address: 1 Allen-Bradley Drive

City: Mayfield Heights State: OH Zip: 44124

Additional name(s) & address(es) attached? [] Yes [X] No

09-30-2004



102848587

22278 U.S. PTO

10/936956



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

If this document is being filed together with a new application, the execution date of the application is: September 8, 2004, September 8, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Susan M. Donahue

Address:

Rockwell Automation, Inc.
Patent Dept. /704P Floor 8 T-29
1201 South Second Street
Milwaukee, WI 53204

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

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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.

Danny J. Padys/Reg. No. 35,635

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

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PATENT
REEL: 015826 FRAME: 0652

DOCKET # 1825.009US1
CLIENT REF # 04AB047 (PSB)

**ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.**

WHEREAS, **Weihua Chen** of **Westford**, of the State of Massachusetts, **Saeed Shafiiyan-Rad** of **Nashua**, of the State of New Hampshire; (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in "**SENSOR AND METHOD**" which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **1825.009US1/Client Ref. No. 04AB047 (PSB)**, in the patent files of **Rockwell Automation Technologies, Inc.** and which invention is covered by a patent application, executed and filed in the Patent and Trademark Office for the United States of America on **even date herewith** as U.S. Application Serial No. **Not Assigned**.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto **Rockwell Automation Technologies, Inc.**, the entire right, title and interest in said invention in the United States of America and all foreign countries and in all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said **Rockwell Automation Technologies, Inc.**, for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

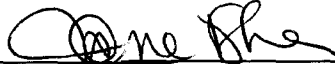
DOCKET # 1825.009US1
CLIENT REF # 04AB047 (PSB)Signed: 

Weihua Chen

Date: 9/8/2004State of MASSACHUSETTS
County of MIDDLESEX } ss.

On this 8 day of September, 2004, before me personally appeared **Weihua Chen**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)


Notary Public, State of Massachusetts
My Commission: April 28 2011


Signed: 

Saeed Shafiyar-Rad

Date: 9/8/2004State of MASSACHUSETTS
County of MIDDLESEX } ss.

On this 8 day of September, 2004, before me personally appeared **Saeed Shafiyar-Rad**, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)


Notary Public, State of Massachusetts
My Commission: April 28 2011