

12-12-2001



101913225

U.S. Department of Commerce  
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**PATENT**

1997 U.S. PTO  
10/002725

10/25/01

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Name (line 1) Michael J. Knieser

Execution Date  
Month Day Year  
10/24/01

Name (line 2)

10002725

**Second Party**

Name (line 1) Robert J. Kretschmann

Execution Date  
Month Day Year  
10/24/01

Name (line 2)

**Receiving Party**

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Name (line 1) Rockwell Automation Technologies, Inc.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 1 Allen-Bradley Drive

Address (line 2)

Address (line 3) Mayfield Heights

Ohio

44124

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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5140705(97443)

12/11/2001 DBYRNE 00000157 170055 10002725

01 FC:581 40.00 CH

**PATENT**  
**REEL: 012352 FRAME: 0036**

**Correspondent Name and Address**

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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
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PCT

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#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
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Enclosed ☐

Deposit Account ☒

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Deposit Account Number:

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Authorization to charge additional fees:

Yes

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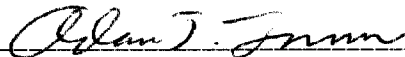
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**Statement and Signature**

*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. Charges to deposit account are authorized, as indicated herein.*

Adam J. Forman



October 25, 2001

Name of Person Signing

Signature

Date

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CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**



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Enter additional Conveying Parties

Name (line 1) Mark A. Lucak

Execution Date  
Month Day Year

October 24, 2001

Name (line 2)

Execution Date  
Month Day Year

October 24, 2001

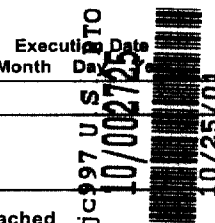
Name (line 1) Richard D. Harris

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)



**Receiving Party(ies)**



Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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State/Country

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**Application Number(s) or Patent Number(s)**



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**



5140705(97443)

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, Michael J. Knieser of Richmond Heights, State of Ohio; Robert J. Kretschmann of Bay Village, State of Ohio; Mark A. Lucak of Hudson, State of Ohio, and Richard D. Harris of Solon, State of Ohio; (hereinafter sometimes referred to as said inventors), has invented certain new and useful improvements in METHOD FOR FABRICATING AN ISOLATED MICROELECTROMECHANICAL SYSTEM (MEMS) DEVICE USING PLATING TECHNIQUES which invention (hereinafter sometimes referred to as said invention) has been disclosed to and filed, under Docket No. 01AB041, in the patent files of inventor's employer, ROCKWELL AUTOMATION TECHNOLOGIES, INC., and which invention is covered by a patent application, executed and filed concurrently herewith in the Patent and Trademark Office for the United States of America.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventor has sold, assigned and transferred and by these present does 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 and to said U.S. patent application and all 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 inventor had this assignment and sale not been made.

FURTHER, said inventor hereby agrees 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.

Executed at Cleve, Ohio this 24 day of October, 2001.

Michael J. Knieser  
Michael J. Knieser, Inventor

State of Ohio )

County of Cuyahoga )

On this 24 day of October, 2001, before me personally appeared Michael J. Knieser to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Carol J. Mills  
Notary Public  
My Commission Expires: \_\_\_\_\_

**CAROL J. MILLS**  
Notary Public, State of Ohio  
My Commission Expires November 20, 2004

(SEAL)

Executed at Cleve, Oh this 24 day of Oct, 2001.

Robert J. Kretschmann  
Robert J. Kretschmann, Inventor

State of Ohio )

County of Cuyahoga )

On this 24 day of October, 2001, before me personally appeared Robert J. Kretschmann to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Carol J. Mills  
Notary Public  
My Commission Expires: \_\_\_\_\_

**CAROL J. MILLS**  
Notary Public, State of Ohio  
My Commission Expires November 20, 2004

(SEAL)

Executed at Cleveland, Oh this 24 day of Oct, 2001.

Mark A. Lucak

Mark A. Lucak, Inventor

State of Ohio )

County of Cuyahoga )

On this 24 day of October, 2001, before me personally appeared Mark A. Lucak to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Carol J. Mills

Notary Public

My Commission Expires:

CAROL J. MILLS

Notary Public, State of Ohio

My Commission Expires November 20, 2004

(SEAL)

Executed at 24 Clive, Oh this 24 day of Oct, 2001.

Richard D. Harris

Richard D. Harris, Inventor

State of Ohio )

County of Cuyahoga )

On this 24 day of October, 2001, before me personally appeared Richard D. Harris to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Carol J. Mills

Notary Public

My Commission Expires:

CAROL J. MILLS

Notary Public, State of Ohio

My Commission Expires November 20, 2004

(SEAL)

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10/24/01