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Atty Ref/Docket No.: 1825.005US1

Patent and Trademark Office

102857511

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

1. Name of conveying party(ies):

Joseph G. Walacavage

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

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

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

Name: Ford Motor Company

Street Address: The American Road

City: Dearborn State: MI Zip: 48121

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

Execution Date: September 29, 2004

10956410

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 29, 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 Department/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

[X] Enclosed

[] 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.

David R. Cochran/Reg. No. 46,632

Name of Person Signing

Signature

Date

David R. Cochran 30 September 2004

10/12/2004 REGISTRATION 00000130 10956410

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Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 015868 FRAME: 0601

DOCKET # 1825.005US1
Client Ref. No. 04SW177(GMSW1)

**ASSIGNMENT OF INVENTION
To
FORD MOTOR COMPANY**

WHEREAS, **Joseph G. Walacavage** of **Ypsilanti**, of the State of **Michigan**; (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **"REUSE OF MANUFACTURING PROCESS DESIGN MODELS AS PART OF A DIAGNOSTIC SYSTEM"** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **1825.005US1**, in the patent files of **Ford Motor Company** 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 **Ford Motor Company**, 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. provisional patent application and 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 **Ford Motor Company**., 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 # 1825.005US1
Client Ref. No. 04SW177(GMSW1)

Signed: Joseph G. Walacavage
Joseph G. Walacavage

Date: September 29, 2004

State of MICHIGAN)
County of WAYNE) ss.

On this 29 day of September, 2004, before me personally appeared **Joseph G. Walacavage**, 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)

Rashel Dodge
Notary Public, State of Michigan

My Commission: 4-25-2008

RASHEL DODGE
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES Apr 25, 2008
ACTING IN COUNTY OF Wayne