

10-30-2000



Attorney's Docket: E005650

101498838

Assistant Commissioner for Patents
Washington D.C. 20231

RECORDATION FORM COVER SHEET
PATENTS ONLY

9.25.00

To the Honorable Assistant Commissioner for Patents.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

a. Fred W. Czubba

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

a. ABB Automation Inc.
29801 Euclid Avenue
Wickliffe, OH 44092

3. Nature of conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other | |

Execution Date: 8/11/2000

Title of invention: System and Method for Dynamic Modeling, Parameter Estimation and Optimization for Processes Having Operating Targets

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

- a. Patent Application No.: 09/639,543
- b. Patent No.:

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

Michael M. Rickin
ABB Automation Inc.
29801 Euclid Avenue
Wickliffe, OH 44092

10/27/2000 MTHAI1 00000295 050877 09639543)
01 FC:581 40.00 CH

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

A check in the amount of \$_____ to cover the basic filing fee and the assignment recordal fee.

Charge Deposit Account No. 05-0877 in the amount of \$40.00 to cover the assignment recordal fee. A duplicate copy of this form is enclosed.

8. 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

Valerie Renee Irby

Typed or Printed Name of Person Signing

Valerie Renee Irby

Signature

9/21/00

Date

ASSIGNMENT

THIS Assignment made the 11th day of August, 2000 by Fred W. Czubba of 33 Diane Drive, Brick, New Jersey (hereinafter referred to as "ASSIGNOR").

WITNESSETH:

Whereas, the ASSIGNOR is joint inventor with Todd Hess, Andreas Kroll and Martyn Glenn Richards, on an invention entitled **System and Method for Dynamic Modeling, Parameter Estimation and Optimization for Processes Having Operating Targets** for which he has executed an application for Letters Patent of the United States of America on even date herewith; and

WHEREAS, ABB AUTOMATION INC. ("ABBAI"), a corporation organized under the laws of the State of Ohio, and having a principal place of business at 29801 Euclid Avenue, Wickliffe, OH 44092-1898, is desirous of acquiring the ASSIGNOR'S entire right, title and interest in and to the invention, and any and all Letters Patent of the United States which shall be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and of other good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNOR, intending to be legally bound, does hereby sell, assign and transfer to ABBAI the ASSIGNOR'S entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed the ASSIGNOR shall be legally bound, upon request and at the expense of ABBAI or its successors and assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of the invention, to testify in any legal proceeding relating thereto, to execute all instruments and do such other acts as may be necessary and proper to patent the invention in the United States of America and foreign countries in the name of ABBAI or its successors and assigns and to execute all instruments proper to carry out the intent of this Assignment.

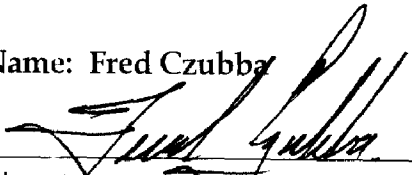
ASSIGNOR hereby warrants that no assignment, sale agreement or encumbrance has been or will be made or entered into which will conflict with this Assignment.

ASSIGNOR hereby requests the Director of the United States Patent and Trademark Office to issue the Letters Patent of the United States in accordance with this Assignment.


IN WITNESS WHEREOF, this Assignment is executed on the day and year first above written.

ASSIGNOR #1:

Typed Name: Fred Czubba


Signature

Witness as to ASSIGNOR #1:


Signature