

08-28-2002



Attorney's Docket: B010890

Commissioner for Patents
Washington D.C. 20231

102203150

RECORDATION FORM COVER SHEET

08/19/02 PATENTS ONLY

11036 U.S. PTO
10/222623
08/19/02

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a. Hui Zhang
- b. Paul H. Chase
- c. James M. Niziolek

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

- a. ABB Inc.
501 Merritt 7
Norwalk, CT 06856
United States of America

10/222623

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: August 13, 2002

Title of invention: COMBUSTION EMISSION ESTIMATION WITH FLAME SENSING SYSTEM

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

- a. Patent Application No.: not yet available
- b. Patent No.:

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

Michael M. Rickin
ABB Inc.
Legal Department - 4U6
29801 Euclid Avenue
Wickliffe, OH 44092

08/27/2002 DBYRNE 00000058 050877 10222623

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 is enclosed

Charge Deposit Account No. 05-0877 in the amount of \$40.00 to cover the assignment recordal fee. A duplicate copy of this Recordation Form Cover Sheet 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

8/16/2002
Date

Attorney Docket No.: B010890

ASSIGNMENT

THIS Assignment made the 13th day of August, 2002.

WITNESSETH:

Whereas, we Hui Zhang, Paul H. Chase, and James M. Niziolek of 21 Lindy Lane, West Hartford, CT 06117; PO Box 1050, East Granby, CT 06095-1050; and 13 Farmstead Circle, Enfield, CT 06082 respectively, (hereinafter referred to as "ASSIGNOR") have jointly made an invention entitled **COMBUSTION EMISSION ESTIMATION WITH FLAME SENSING SYSTEM**; and

WHEREAS, ABB INC., a corporation organized under the laws of the State of Delaware, and having its principal place of business at 501 Merritt 7, Norwalk, CT 06856, is desirous of acquiring the 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 undersigned, intending to be legally bound, does hereby sell, assign and transfer to ABB INC. 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, including all United States patent application(s) filed therefor, 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 ABB INC. 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 ABB INC. 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.

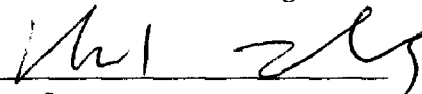
ASSIGNOR hereby requests the Honorable Director of the United States Patent and Trademark Office to issue the Letters Patent of the United States in accordance with this Assignment.

Because ASSIGNOR includes more than one person, these obligations shall apply to those persons individually and collectively.

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

ASSIGNOR #1:

Typed Name: Hui Zhang



Signature

Witness as to ASSIGNOR #1:



Signature

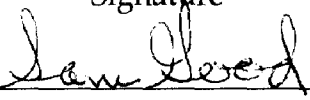
ASSIGNOR #2:

Typed Name: Paul H. Chase



Signature

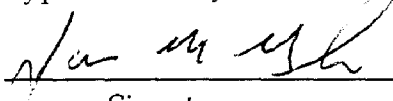
Witness as to ASSIGNOR #2:



Signature

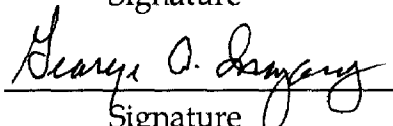
ASSIGNOR #3:

Typed Name: James M. Niziolek



Signature

Witness as to ASSIGNOR #3:



Signature