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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Carl J. Mueller

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Emerson Electric Co.

Internal Address:

Street Address:

8000 West Florissant

City: St. Louis

State: Missouri

Country: United States of America Zip: 63136

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): February 11, 2005

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Kevin M. Pumm
HARNES, DICKEY & PIERCE, P.L.C.

Internal Address: Atty. Dkt.: 7578W-000359/US

Street Address: 7700 Bonhomme
Suite 400

City: Clayton

State: MO Zip: 63105

Phone Number: (314) 726-7500

Fax Number: (314) 726-7501

Email Address:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Kevin Pumm

Signature

August 16, 2005

Date

Kevin M. Pumm - 49,046

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

08/17/2005 KBETEM1 09000055 11204410

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04 FC:8021

EV 7262548 10 US PATENT

REEL: 016899 FRAME: 0786

ASSIGNMENT

Atty. Docket No. 7578W-000359

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

Control for an Indoor Heating and Cooling Unit

which is the subject of a United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) executed on _____, _____, _____;
- (c) filed on _____, and assigned Serial No. _____ or PCT International Application No. _____;
- (d) U.S. Patent No. _____, issued _____, and presently assigned as evidenced at Reel _____, Frame _____; or
- (e) entitled above and naming the undersigned inventors in this provisional patent application; and

Emerson Electric Co., a corporation of the State of Missouri, having a principle office at 8000 West Florissant, St. Louis, Missouri 63136, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

FV 7262548 10 02

PATENT

REEL: 016899 FRAME: 0787

ASSIGNMENT

Carl J. Mueller
Carl J. Mueller
First Inventor or Assignor

State of Missouri)
County of St. Louis) ss.

On this 11th day of February, 2005, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Terri J. Butler
Notary Public,

St. Louis County, State of Missouri

My Commission Expires: 5/6/06

(seal)

