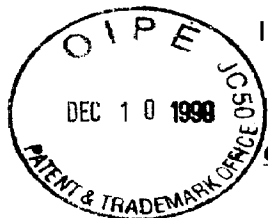


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DEMARK OFFICE

Attorney Docket No. 0315000452

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) Name Of Party Conveying The Interest:

Roy J. Doepker
Mark Bass
James F. Fogt
Jeffrey Andrew Huddleston

(2) Name And Address Of Party Receiving The Interest:

Copeland Corporation
1675 W. Campbell Road
Sidney, Ohio 45365-0669

(3) Description Of The Transaction To Be Recorded:

☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

(4) Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:

☒ Serial Number 09/401,343, filed September 21, 1999.
☐ Application being filed concurrently herewith.
☐ Patent Number _____, issued _____

(5) Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:

Michael J. Schmidt
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303

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(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: . . . 1

Total Recordal Fee Enclosed: \$40.00


(7) **Date(s) The Document Was Executed:** November 1, 1999 and November 22, 1999

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) have/has not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due.

Respectfully submitted,

By:


Michael J. Schmidt
Reg. No. 34007
Attorney for Applicant(s)

Date:

December 6, 1999

ASSIGNMENT BY JOINT INVENTORS

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented

COMPRESSOR PULSE WIDTH MODULATION

for which Assignor is about to make United States application for patent; and

WHEREAS, Copeland Corporation, a Delaware corporation, having a place of business at 1675 W. Campbell Road, Sidney, Ohio, 45365-0669 hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications 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 Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee.

Roy J. Doecker
Roy J. Doecker

Mark Bass

James F. Fogt
James F. Fogt

Jeffrey Andrew Huddleston
Jeffrey Andrew Huddleston

State of Ohio)
County of Shelby) ss.

On this 1st day of November, 1999, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Betty J. Brown
Notary Public,

(seal)

Shelby County, State of Ohio
BETTY J. BROWN, NOTARY PUBLIC

My Commission Expires: _____
in and for the State of Ohio
My Commission Expires September 8, 2000

This document must be executed before a notary by the inventors on the same day or a day subsequent to the day they sign the application.

ASSIGNMENT BY JOINT INVENTORS

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented

COMPRESSOR PULSE WIDTH MODULATION

for which Assignor is about to make United States application for patent; and

WHEREAS, Copeland Corporation, a Delaware corporation, having a place of business at 1675 W. Campbell Road, Sidney, Ohio, 45365-0669 hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications 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 Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee.

Roy J. Doecker

MBass
Mark Bass

James F. Fogt

Jeffrey Andrew Huddleston

State of KENTUCKY)
) ss.
County of CAMPBELL)

On this 22 day of Nov., 1999, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

PERSONALLY APPEARED MARK BASS
Dennis J. Schaffner
Notary Public,

(seal)

CAMPBELL County, State of Ky

My Commission Expires: 1/30/03

This document must be executed before a notary by the inventors on the same day or a day subsequent to the day they sign the application.