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TRADEMARK OFFICE

Attorney Docket No. 0315000480

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

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

Sir:

- 201

11-1-99

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

Name Of Party Conveying The Interest: (1)

Harry Clendenin James E. Gundermann Ram Vittal

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

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

Description Of The Transaction To Be Recorded: (3)

[X] Assignment [] Change of Name [] Other

[] License

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49.00 DA

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

[] Serial Number	, filed _	
[X] Application being file	ed concurrently herewith.	
[] Patent Number	, issued _	

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

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



(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: October 18, 1999 and October 19, 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,

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

Lovensen 1, 1955 Date:

ASSIGNMENT BY A JOINT INVENTOR

WHEREAS. I, the undersigned, hereby referred to as Assignor, have jointly invented with Harry Clendenin and Ram Vittal certain new and useful improvements in

CONICAL HUB BEARING FOR SCROLL MACHINE

for which we are about to make United States application for patent; and

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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. Assignor by these presents does sell, assign and transfer unto Assignee(s), its successors in interest, Assignor's 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 Assignor 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(s), 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 Assignor hereby covenants and agrees 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(s) without further or other compensation than that above set forth; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

Huterron 10/18/99

ames E. Gundermann

State of	1. 20 f American }
County of) SS.
personally appe	this day of, 19_14, before me ed the foregoing individuals, who executed the foregoing instrument and who me that they executed the same of their own free will for the purpose therein <u>Autan & Aleuceum</u> Notary Public,
(seal)	<u></u> 2 County, State of <u>Titreforence</u>
s_ € 	My Commission Expires: That A 2002

My Commission Expires: 1997 4

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

Notarial Seal
Karen E. Llewellyn, Notary Public
Warren, Warren County
My Commission Expires Nov. 5, 2002

Member, Pennsylvania Astrociation of Notaries

PATENT REEL: 010373 FRAME: 0236

ASSIGNMENT BY A JOINT INVENTOR

WHEREAS, I, the undersigned, hereby referred to as Assignor, have jointly invented with James E. Gundermann certain new and useful improvements in

CONICAL HUB BEARING FOR SCROLL MACHINE

for which we are 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, Assignor by these presents does sell, assign and transfer unto Assignee(s), its successors in interest, Assignor's 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 Assignor 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(s), 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 Assignor hereby covenants and agrees 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(s) without further or other compensation than that above set forth; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

Untal larry Clendenin State of SS. County of On this / 9 day of 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. ERIAN

(seal)

Notary Public, _ County, State of _(

My Commission Expires: BETTY J, BROWN, NOTARY PUBLIC

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.

PATENT REEL: 010373 FRAME: 0237

RECORDED: 11/01/1999