

FORM PTO-1595  
1-31-92

U.S. DEPARTMENT OF COMMERCE  
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TO: ASSIGNMENT DIVISION - U.S. PATENT AND TRADEMARK OFFICE  
SENT VIA FACSIMILE TO 703-306-5995

Please record the attached document.

1. Name of conveying party(ies): (1) Edward C. Axler (2) Edward P. Butler III	2. Name and address of receiving party(ies): Name: Timken US Corporation Address: 59 Field Street Torrington, CT 06790 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment Execution Date: <u>January 3, 2005</u>	

4. Application number(s) or patent number(s): A. Patent Application No.(s) 10/512,896 Filed: October 28, 2004	B. Patent No.(s)
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Additional numbers attached?  Yes  No


5. Name and address of party to whom correspondence concerning document should be mailed:  Glenn M. Massina Michael Best & Friedrich LLP 100 East Wisconsin Avenue Milwaukee, Wisconsin 53202-4108  Phone: 610-798-2175	6. Total number of applications and patents involved: <u>one</u>  7. Total fee (37 CFR 3.41):.....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Fee to be charged to Deposit Account  8. Deposit account number: <u>13-3080</u>
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DO NOT USE THIS SPACE

9. 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.*

Glenn M. Massina (Reg. No.40,081)  
Name of Person Signing

  
Signature

January 10, 2005  
Date

Attorney File 091395-9389

Total number of pages including cover sheet, attachments, and document: 5

OMB No. 0651-0011 (exp. 4/94)

CH \$40.00 133080 10512896

cc: Docketing

700144333

PATENT  
REEL: 015572 FRAME: 0112

## A S S I G N M E N T

Pursuant to our obligation to Timken US Corporation (hereinafter referred to as "Assignee"), a Delaware Corporation having its principal place of business at:

59 Field Street  
Torrington, CT 06790

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Edward C. Axler  
23 Reed Court  
Bloomfield, CT 06002

Edward P. Butler III  
2 Rock Creek Lane  
Torrington, CT 06790

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to an invention entitled "PILOTING CONFIGURATION FOR THRUST BEARING ASSEMBLY" for which we have executed a PCT Application No. PCT/US03/02885, filed on January 31, 2003, and a United States Patent Application Serial No. 10/512,896, filed October 28, 2004 (Atty. File No. 091395-9389);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on said United States application.

And we hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

\_\_\_\_\_  
Date

1-03-2005

\_\_\_\_\_  
Date

\_\_\_\_\_  
Edward C. Axler

*Edward P. Butler III*

\_\_\_\_\_  
Edward P. Butler III

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(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

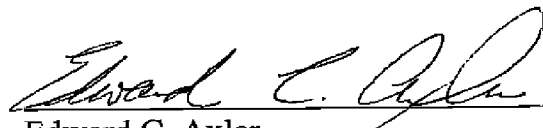
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1/3/05  
Date

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Date

  
Edward C. Axler

\_\_\_\_\_  
Edward P. Butler III