

6/23/00

07-11-2000



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):  
 Michael L. French; Khan M. Iktekharuddin; David R. Leeper; Ram P. Samy and Wen-Ruey Hwang

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

2. Name and address of receiving party:  
 Name: The Timken Company  
 Internal Address:  
 Street Address: 1835 Dueber Avenue, S.W.  
 City: Canton State: Ohio Zip: 44720

Additional names(s) & addresses(es) attached?  Yes  No

10936 U.S. PTO  
 09/603294  
 06/23/00

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 30, 2000; June 13, 2000; May 30, 2000; May 30, 2000; and May 30, 2000

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

If this document is being filed together with a new application, the execution date of the application is: May 30, 2000; June 2000; May 30, 2000; May 30, 2000; and May 30, 2000

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence should be mailed:  
 Name: Polster, Lieder, Woodruff & Lucchesi, L.C.  
 Internal Address: Suite 230  
 Street Address: 763 South New Ballas Road  
 City: St. Louis State: MO Zip: 63141

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account in case of any deficiency.

8. Deposit account number: 162201  
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature. *Edward A. Boehman Co*  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is true copy of the original document.

07/03/2000 PHLLEN  
 04 FC:581

ASSIGNMENT

WHEREAS, We, Michael L. French, a citizen of the United States of America, residing at 3029 Hampton, N.W., Uniontown, Ohio, 44706, and Khan M. Iftkharuddin, a citizen of Bangladesh residing at 1469 35<sup>th</sup> Street S.W., Apartment 210, Fargo, North Dakota, 58103,  
 5 David R. Leeper, a citizen of the of the United States residing at 3107 Bambi Street N.W., Canton, Ohio 44709, Ram P. Samy, a citizen of the United States, residing at 3968 Ashford Avenue, N.W., Canton, Ohio 44718, and Wen-Ruey Hwang, a citizen of Taiwan, Republic of China, residing at 175 Applegrove St. N.E., North Canton, Ohio 44720, have invented a new and useful improvement in **BEARING WITH WIRELESS SELF-POWERED SENSOR**  
 10 **UNIT** for which we are about to make application for Letters Patent of the United States; and whereas The Timken Company, a corporation duly organized under the laws of the State of Ohio, and having its principal office and place of business at Canton, Ohio is desirous of acquiring the entire interest in and to the said invention and in and to the Letters Patent to be obtained therefor.

15 NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Hundred Dollar (\$100.00) and other valuable considerations to us in hand paid, the receipt of which is hereby acknowledged, We Michael L. French, Khan M. Iftkharuddin, David R. Leeper, Ram P. Samy and Wen-Ruey Hwang, have sold, assigned and transferred, and by these presents do sell, assign and transfer, unto The Timken Company, the  
 20 whole right, title and interest in and to the said invention as fully set forth and described in the Specification executed by us on the 30<sup>th</sup> day of May, 2000; the 13<sup>th</sup> day of June, 2000; the 30<sup>th</sup> day of May, 2000; the 30<sup>th</sup> day of May, 2000; and the 30<sup>th</sup> day of May, 2000, respectively, preparatory

to obtaining Letters Patent of the United States therefor, including all rights to file applications and obtain patents in other countries; and We do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent to The Timken Company, as the assignee of our entire right, title and interest in and to the same, for the sole use and behoof of

5 The Timken Company, its successors and assigns.

Signed at Canton, Ohio, this 30<sup>th</sup> day of May, 2000.

Michael L. French  
Michael L. French

10 State of Ohio )  
                              ) ss.  
County of Stark )

15 On this 30<sup>th</sup> day of MAY, 2000, before me personally appeared Michael L. French, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

20

William H. Murphy  
Notary Public

My Commission expires:

**WILLIAM H. MURPHY**  
**NOTARY PUBLIC, STATE OF OHIO**  
**MY COMMISSION EXPIRES JUNE 24, 2001**

Dayton, Ohio

Signed at Fargo, North Dakota, this 13th day of June, 2000.

K. M. Iftakharuddin  
Khan M. Iftakharuddin

5

Ohio  
State of ~~North Dakota~~ )  
) ss.  
County of Montgomery )

10

On this 13th day of June, 2000, before me personally appeared Khan M. Iftakharuddin, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

15

My Commission expires:

Janet A. Cuffe  
Notary Public  
JANET A. CUFFE, Notary Public  
In and for the State of Ohio  
My Commission Expires May 24, 2004



Signed at Canton, Ohio, this 30 day of MAY, 2000.

20

David R. Leeper  
David R. Leeper

State of Ohio )  
) ss.  
County of Stark )

25

On this 30 day of MAY, 2000, before me personally appeared David R. Leeper, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

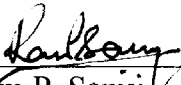
30

My Commission expires:

William H. Murphy  
Notary Public

WILLIAM H. MURPHY  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES JUNE 24, 2001

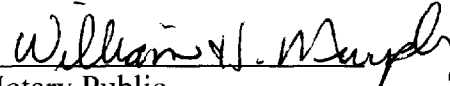
Signed at Canton, Ohio, this 30 day of May, 2000 .

  
\_\_\_\_\_  
Ram P. Samy

5 State of Ohio                    )  
  ) ss.  
County of Stark                 )

10        On this 30 day of May, 2000, before me personally appeared Ram P. Samy, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

      In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

  
\_\_\_\_\_  
Notary Public

15 My Commission expires:

**WILLIAM H. MURPHY**  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES JUNE 24, 2001

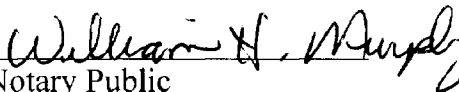
20        Signed at Canton, Ohio, this 30 day of May, 2000 .

  
\_\_\_\_\_  
Wen-Ruey Hwang

25 State of Ohio                    )  
  ) ss.  
County of Stark                 )

30        On this 30 day of May, 2000, before me personally appeared Wen-Ruey Hwang, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

      In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

  
\_\_\_\_\_  
Notary Public

My Commission expires:

35        **WILLIAM H. MURPHY**  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES JUNE 24, 2001