

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALFRED J. SANTOS	04/09/2010
MARK E. LACROIX	04/09/2010
LEI WANG	04/08/2010
RECEIVING PARTY DATA	
Name:	THE TIMKEN COMPANY
Street Address:	4500 MT. PLEASANT ST. NW
City:	NORTH CANTON
State/Country:	OHIO
Postal Code:	44720
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14446547
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	085488-9132-US02
NAME OF SUBMITTER:	EDWARD J. EVANS
SIGNATURE:	/edward j. evans/
DATE SIGNED:	07/30/2014
Total Attachments: 3	
source=15444831_085488-9132-US02-as-filed-Assignment-_from_US01_and_PCT_apps#page1.tif	
source=15444831_085488-9132-US02-as-filed-Assignment-_from_US01_and_PCT_apps#page2.tif	
source=15444831_085488-9132-US02-as-filed-Assignment-_from_US01_and_PCT_apps#page3.tif	

ASSIGNMENT

Pursuant to our obligation to The Timken Company (hereinafter referred to as "Assignee"), an Ohio corporation having its principal place of business at:

1835 Dueber Avenue S.W.
Canton, OH 44706-2798

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

we:

Alfred J. Santos
27 Red Oak Drive
Keene, NH 03431

Mark E. LaCroix
182 Old Chesterfield Road
Winchester, NH 03471

Lei Wang
8276 Edmund Court Circle, N.W.
Massillon, OH 44646

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 inventions described in a patent application titled SENSOR ASSEMBLY the specification of which was filed with my authority on April 2, 2010 as International Patent Application No. PCT/US2010/029729 (Atty. File No. 085488-9132-WO) (hereinafter the "PCT application") which application claims the benefit of United States Provisional Patent Application No. 61/166,946, filed April 6, 2009 (hereinafter the "U.S. provisional patent application");

(2) in and to the PCT application and the U.S. provisional patent application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT application, or the U.S. provisional patent application, and in and to the patent or patents to be granted thereon, 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, including foreign applications entering the national phase of the PCT application, 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 PCT application and the U.S. provisional patent application.

We agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application and the U.S. provisional patent application.

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 patent or patents to Assignee.

9 APR 10
Date

Alfred J. Santos
Alfred J. Santos

9 Apr 10
Date

Mark E. LaCroix
Mark E. LaCroix

Date

Lei Wang
Lei Wang

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT application, 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 PCT application and the U.S. provisional patent application.

We agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application and the U.S. provisional patent application.

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 patent or patents to Assignee.

Date

Alfred J. Santos

Date

Mark E. LaCroix

Date 4/8/2010

Lei Wang