

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xiaolan Ai</td> <td>10/17/2012</td> </tr> <tr> <td>Randy P. Kruse</td> <td>10/17/2012</td> </tr> <tr> <td>Curt Orkin</td> <td>10/17/2012</td> </tr> <tr> <td>Ryan Forbes</td> <td>10/18/2012</td> </tr> <tr> <td>Matthew Wilmer</td> <td>10/17/2012</td> </tr> <tr> <td>Bradley Smith</td> <td>10/17/2012</td> </tr> <tr> <td>Neil Chiavaroli</td> <td>10/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xiaolan Ai	10/17/2012	Randy P. Kruse	10/17/2012	Curt Orkin	10/17/2012	Ryan Forbes	10/18/2012	Matthew Wilmer	10/17/2012	Bradley Smith	10/17/2012	Neil Chiavaroli	10/17/2012
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CORRESPONDENCE DATA																	
Fax Number:	3142382401																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	314-238-2400																
Email:	patents@polsterlieder.com																
Correspondent Name:	J. Joseph Muller																
Address Line 1:	12412 Powerscourt Drive																
Address Line 2:	Suite 200																
Address Line 4:	St. Louis, MISSOURI 63131																
ATTORNEY DOCKET NUMBER:	TIMK D607W1																

CH \$40.00 13640644

NAME OF SUBMITTER:

J. Joseph Muller, Reg. No. 28,450

Total Attachments: 12

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ASSIGNMENT

WHEREAS, we, **Xiaolan Ai**, a citizen of the United States of America and a resident of the City of Massillon, State of Ohio, whose post office address is 4480 Noble Loon, Massillon, Ohio 44646, **Curt Orkin**, a citizen of the United States of America and a resident of the City of West Hartford, in the State of Connecticut, whose full post office address is 84 Bonny View Road, West Hartford, Connecticut 06107, **Randy P. Kruse**, a citizen of the United States of America and a resident of the City of North Canton, in the State of Ohio, whose full post office address is 1510 Radford Street NE, North Canton, Ohio 44720, **Ryan Forbes**, a citizen of the United States of America and a resident of the City of Massillon, in the State of Ohio, whose full post office address is 2843 12th Street NW, Massillon, Ohio 44646, **Matthew Wilmer**, a citizen of the United States of America and a resident of the City of North Canton, in the State of Ohio, whose full post office address is 6868 Oakcrest NW, North Canton, Ohio 44720, **Bradley Smith**, a citizen of the United States of America and a resident of the City of Lebanon, in the State of New Hampshire, whose full post office address is 66 Mascoma Street, Lebanon, New Hampshire 03766, and **Neil Chiavaroli**, a citizen of the United States of America and a resident of the City of Hamden, in the State of Connecticut, whose full post office address is 20 Woodland Avenue, Hamden, Connecticut 06514 have invented certain improvements in **LOAD SPLIT MECHANISM FOR GEAR TRANSMISSION** which forms the subject matter of International Patent Application No. PCT/US2011/32229 filed April 13, 2011, and derives priority from and otherwise claims the benefit of United States Provisional Patent Application No. 61/323,648, filed April 13, 2010, and United States Non-Provisional Patent Application No. 13/640,644, filed October 11, 2012, and is further identified as Attorney's Docket No. TIMK D607W1;

AND, WHEREAS, The Timken Company, an Ohio Corporation, with offices at 1835 Dueber Avenue S.W., Canton, Ohio 44706-0930, is desirous of acquiring the entire right, title and interest in and to said improvements in **LOAD SPLIT MECHANISM FOR GEAR TRANSMISSION** and all patent rights therefor;

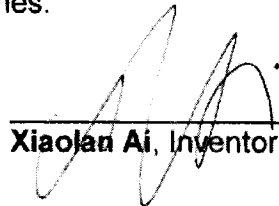
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AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent, when granted, to The Timken Company, a corporation, its successors and assigns, as assignees of the entire right, title and interest in and to said improvements, for the sole use and behalf of The Timken Company, a corporation, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

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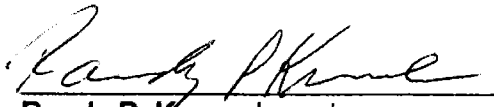
Date: Oct. 17, 2012


Xiaolan Ai, Inventor

Date: _____

Curt Orkin, Inventor

Date: 10/17/2012


Randy P. Kruse, Inventor

Date: _____

Ryan Forbes, Inventor

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Xiaolan Ai, Inventor

Date: 17 Oct 2012



Curt Orkin, Inventor

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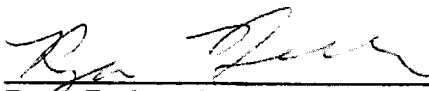
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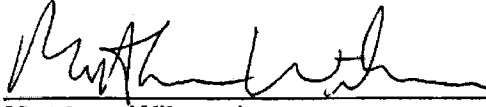
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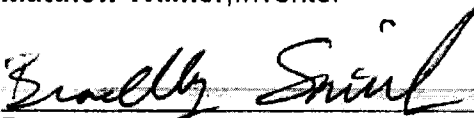
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