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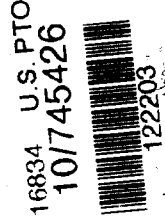


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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <u>12-22-03</u></p> <p>Mircea Gradu Timothy Schlernitzhauer</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>The Timken Company</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>1835 Dueber Avenue, S.W.</u></p> <p>City: <u>Canton</u> State: <u>OH</u> Zip: <u>44706-0930</u></p> <p>Additional names(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: <u>12/15/2003</u></p>	



4. Application number(s) or patent number(s): 10745426

If this document is being filed together with a new application, the execution date of the application is: 12/15/2003

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence should be mailed:</p> <p>Name: <u>Polster, Lieder, Woodruff & Lucchesi, L.C.</u></p> <p>Internal Address: <u>Suite 200</u></p> <p>Street Address: <u>12412 Powerscourt Drive, Suite 200</u></p> <p>City: <u>St. Louis</u> State: <u>MO</u> Zip: <u>63131-3615</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account in case of any deficiency.</p> <p>8. Deposit account number: <u>162201</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Edward A. Boeschstein #22,986 Edward A. Boeschstein 12-22-03
Name of person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

Express Mail No. EL 978719179 US

Mail document to be recorded with required cover sheet information to:
Commissioner of Patent & Trademarks, Box Assignments

PATENT
REEL: 014850 FRAME: 0703

ASSIGNMENT

WHEREAS, We, Mircea Gradu, a citizen of the United States of America and a resident of the City of Wooster, State of Ohio, whose full post office address is 1109 Greensview Drive, Wooster, Ohio 44691 and Timothy Schlernitzauer, a citizen of the United States of America and a resident of the City of Canton, State of Ohio, whose post office address is 4460 15th Street, N.W., Canton, Ohio 44708, respectively, have invented certain improvements in DIRECTIONAL CLUTCH for which we are about to make, and have this day executed, application for Letters Patent of the United States, identified as Attorney's Docket No. TIMK 8785US;

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 DIRECTIONAL CLUTCH and all patent rights therefor;

NOW, THEREFORE, in consideration of One Hundred Dollars (\$100.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said Mircea Gradu and Timothy Schlernitzauer, do hereby sell, assign, transfer and set over unto said The Timken Company, the entire right, title and interest in and to said improvements, and in and to all Letters Patent and patent rights which may be granted or issued for said improvements, in the United States and all foreign countries, and any reissue, reexamination, continuation, continuation-in-part, division, or extension thereof, the same to be held and enjoyed by said The Timken Company, a corporation, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this Assignment and sale had not been made; and we agree to execute such further applications, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue that said Letters Patent, when granted, to the said 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 behoof of said 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.

AND we further grant to The Timken Company, a corporation, its successors and assigns, the right to claim for any application for patent for said improvements the full benefit of any international agreement between the United States and any foreign country or countries.

TIMK 8785US
Express Mail No. EL 978719179 US

PATENT
REEL: 014850 FRAME: 0704

AND our attorney is hereby authorized to insert in this Assignment the Serial No. and filing date of said application, when advised thereof, as follows:


Serial No: _____ Filed: _____

Date: 12/15/2003



Mircea Gradu, Inventor

Date: 12/15/2003



Timothy Schlernitzauer, Inventor