08-18-2003



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1. Name of conveying party(ies): 8 7 - (1) Brian Lee TUSSING (2) David Oliver BRITNER (3) Stephen Mark GEYER Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Name of Conveyance: [X] Assignment [] Merge [] Security Agreement [] Change	NAME: Mack Trucks, Inc. ADDRESS 2402 Lehigh Parkway South Allentown, Pennsylvania 18105-1907 Additional name(s) & addresses(es) attached?
Execution/Effective Date: (1) July 18, 2003 (2,3) July 21, 200	10,1302
A. Patent Application No.(s)	a new application, the execution date of the application is: July 18, 2003, July 2 July 21, 2003 B. Patent No.(s)
	Additional numbers attached? [] Yes [] No
Name and address of party to whom corresp concerning document should be mailed:	pondence 6. Total number of applications
Name: George R. Repper Internal Address: Rothwell, Figg, Ernst & Manb Suite 800 Street Address: 1425 K St., N.W. City: Washington, State: D.C. Zip: 200	and patents involved: 7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed
Name: George R. Repper Internal Address: Rothwell, Figg, Ernst & Manb Suite 800 Street Address: 1425 K St., N.W. City: Washington,	and patents involved: 7. Total fee (37 CFR 3.41): \$40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 02-2135 Attach duplicate copy of this page if paying by
Name: George R. Repper Internal Address: Rothwell, Figg, Ernst & Manb Suite 800 Street Address: 1425 K St., N.W. City: Washington, State: D.C. Zip: 200 Telephone No.: 202/783-6040 Facsimile No.: 202/783-6031	and patents involved: 7. Total fee (37 CFR 3.41): \$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 02-2135
Name: George R. Repper Internal Address: Rothwell, Figg, Ernst & Manb Suite 800 Street Address: 1425 K St., N.W. City: Washington, State: D.C. Zip: 200 Telephone No.: 202/783-6040 Facsimile No.: 202/783-6031 Attorney Docket No.: 1110-280 DBTRNE 00000162 10635500 9. Statement and signature.	and patents involved: 7. Total fee (37 CFR 3.41): \$40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 02-2135 Attach duplicate copy of this page if paying by deposit account

ASSIGNMENT

WHEREAS, WE, Brian Lee TUSSING, a citizen of the United States of America, residing at 1015 Oak Hill Avenue, Hagerstown, Maryland 21742; David Oliver BRITNER, a citizen of the United States of America, residing at 18209 Candlewood Lane, Hagerstown, Maryland 21740 and Stephen Mark GEYER, a citizen of the United States of America, residing at 742 Woodland Parkway, State Line, Pennsylvania 17263, are the inventors of an invention in CHARGE-AIR COOLER BYPASS VALVE SYSTEM AND METHOD for which we have executed an application for Letters Patent of the United States, of even date herewith; and

WHEREAS, MACK TRUCKS, INC., incorporated in the state of Pennsylvania, with a place of business at 2402 Lehigh Parkway South, Allentown, Pennsylvania 18105-1907, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the said Brian Lee TUSSING, David Oliver BRITNER and Stephen GEYER, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said MACK TRUCKS, INC., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said MACK TRUCKS, INC., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MACK TRUCKS, INC., its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said MACK TRUCKS, INC., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

PATENT REEL: 014381 FRAME: 0848

respective signatures. Date July 18th 2003 Brian Lee Lussing Date Jun 18 2003 Valle R Horge
WITNESS Date July 18 2003 Duyan J. Show Date 7/21/03 2003 David Oliver BRITNER Date 7/21/ 2003 State Liketh Date 7/21/03 2003 Wobert A Cline Date 7/21/63 2003 Stephen Mark Seyn
Stephen Mark GEYER Date 7/21/03 2003 Steven Treit Date 7/21/03 2003 WITNESS

RECORDED: 08/07/2003

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our

PATENT REEL: 014381 FRAME: 0849