To the Honorable ( Please record the at	101308846
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies)
Christos T. Kyrtsos Alan E. Tousignant Additional name(s) of conveying party(ies) attached? YesNo	Name: Meritor Heavy Vehicle Systems, LLC
	No Internal Address:
<u>XX</u>	
	Street Address: 2135 West Maple
	City: <u>Troy</u> State: <u>MI</u> Zip: <u>48084-7186</u>
	Additional name(s) & address(es) attached: Yes XX No
3.     Nature of conveyance:       XX     Assignment   Merger	
Security Agt Change of	
Name Other	
Execution Date:	
<ol> <li>Application number(s) or patent number(s):</li> </ol>	
It this document is being filed together with a new small	Repaired the second of the f
	lication, the execution date is:
A. Patent Application No.(s) B.	lication, the execution date is: Patent No(s).
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A.Patent Application No.(s)B.OG105155557Additional numbers attached:5.Name and address of party to whom correspondence	Yes     XX     No       6.     Total no. of applications and
A.       Patent Application No.(s)       B.         OU1515557       Additional numbers attached:         5.       Name and address of party to whom correspondence concerning document should be mailed:	Yes     XX     No       6.     Total no. of applications and
A.       Patent Application No.(s)       B.         Diamond State       Additional numbers attached:         5.       Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey         Internal Address:       Howard & Howard	Yes     XX     No       6.     Total no. of applications and
A.       Patent Application No.(s)       B.         Diamondal State       Additional numbers attached:         S.       Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey	Yes     XX     No       6.     Total no. of applications and
A.       Patent Application No.(s)       B.         Description       Additional numbers attached:         5.       Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey         Internal Address:       Howard & Howard         Street Address:       1400 N. Woodward Avenue, Suite 101	Yes       XX       No         6.       Total no. of applications and patents involved       One
A.       Patent Application No.(s)       B.         Diamondal State       Additional numbers attached:         5.       Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey         Internal Address:       Howard & Howard	Patent No(s).         Yes       XX       No         6.       Total no. of applications and patents involved       One
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A.       Patent Application No.(s)       B.         Description       Additional numbers attached:         Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey         Internal Address:       Howard & Howard         Street Address:       1400 N. Woodward Avenue, Suite 101         City:       Bloomfield Hills       State:         Michigan       Zip:         Address:       9515551	Yes       XX       No         6.       Total no. of applications and patents involved       One         7.       Total fee (37 CFR 3.41)
A.       Patent Application No.(s)       B.         Diamondal Street Address: Howard & Howard       Street Address: 1400 N. Woodward Avenue, Suite 101         City:Bloomfield Hills       State: Michigan       Zip:48304-2856	Yes       XX       No         6.       Total no. of applications and patents involved       One         9       0.000       0.000         7.       Total fee (37 CFR 3.41)
A.       Patent Application No.(s)       B.         Description       Additional numbers attached:         Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey         Internal Address:       Howard & Howard         Street Address:       1400 N. Woodward Avenue, Suite 101         City:       Bloomfield Hills       State:         Michigan       Zip:         Address:       9515551	Yes       XX       No         6.       Total no. of applications and patents involved       One         9       0       0         7.       Total fee (37 CFR 3.41)
A.       Patent Application No.(s)       B.         Discrete Address of party to whom correspondence concerning document should be mailed:       Street Address: Howard & Howard         Street Address: Howard & Howard       Street Address: 1400 N. Woodward Avenue, Suite 101         City: Bloomfield Hills       State: Michigan       Zip: 48304-2856         V2000 JSHRBAZZ 00000148       09515551       40.00 IP	Yes       XX       No         6.       Total no. of applications and patents involved       One         9       0.00       0.00         7.       Total fee (37 CFR 3.41)
A.       Patent Application No.(s)       B.         Discrete Address       Additional numbers attached:         Name:       David J. Gaskey         Internal Address:       Howard & Howard         Street Address:       1400 N. Woodward Avenue, Suite 101         City:       Bloomfield Hills       State:         Michigan       Zip:48304-2856         V2000       JSHNBAZZ       00000148         DO NOT U       Monore and signature.       To the best of my knowledge attached copy is a true copy of the original document	Yes       XX       No         6.       Total no. of applications and patents involved       One         9       0.       One         7.       Total fee (37 CFR 3.41)       \$40.00        XX       Enclosed          Authorized to be charged to deposit account         8.       Deposit account number:         08-2789       (Attach duplicate copy of this page if paying by deposit account)
A.       Patent Application No.(s)       B.         Description       Description       Description         5.       Name and address of party to whom correspondence concerning document should be mailed:         Name:       David J. Gaskey         Internal Address:       Howard & Howard         Street Address:       1400 N. Woodward Avenue, Suite 101         City:       Bloomfield Hills       State:         V2000       JSHRBAZZ       00000148         DO NOT U       Statement and signature.       To the best of my knowledge pairs	Yes       XX       No         6.       Total no. of applications and patents involved       One         7.       Total fee (37 CFR 3.41)       \$40.00         XX       Enclosed       Authorized to be charged to deposit account         8.       Deposit account number:       08-2789         (Attach duplicate copy of this page if paying by deposit account)       USE THIS SPACE

## ASSIGNMENT (Joint Inventors)

WHEREAS, we, Christos T. Kyrtsos and Alan E. Tousignant, (hereinafter referred to as Assignors), residing respectively at 19680 Cherry Hill St., Southfield, MI 48076 and 17624 Barry Drive, Clinton, MI 48038, have invented new and useful improvements in:

## **DRIVE LINE VIBRATION DETECTION SYSTEM**

which is set forth in an application for Letters Patent in the United States executed on even date herewith; Attorney Docket No. 60,130-568.

AND WHEREAS, Meritor Heavy Vehicle Systems, LLC (hereinafter referred to as Assignee), of 2135 West Maple, Troy, MI 48084-7186 is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

PATENT REEL: 010653 FRAME: 0909 IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_\_ in the State of Michigan, this 1/2 day of  $\frac{Fe_{Baym}}{1999}$ . 2000

hity hats

STATE OF MICHIGAN

COUNTY OF (PAKLAND)

Before me personally appeared said Christos T. Kyrtsos and acknowledged the foregoing instrument to be his own free act and deed, this <u>/7th</u> day of <u>Februar</u>, 1999. 2000

SUSAN TYPINSKI Notary Public, Macomb County, MI My Commission Expires 09/25/2002 (Actions Conking Co.)

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_\_\_\_\_ in the State of Michigan, this 22 day of February 1999.

2000

Alan Tous group

STATE OF MICHIGAN ) COUNTY OF (AKLAnc)

Before me personally appeared said Alan E. Tousignant and acknowledged the foregoing instrument to be their own free act and deed, this 2md day of <u>February</u>, 1999. 2000

Notary Public

SUSAN TYPINSKI Notary Public, Macomb County, MI My Commission Expires 09/25/2002

Acting in COAKLAND

PATENT REEL: 010653 FRAME: 0910

SEAL

**RECORDED: 02/29/2000**