



To the Honc

101481321

emarks:

Please record the attached original documents or copy thereof

1. Name of Conveying Party(ies):

7-19-00

Dennis A. Kramer

Dale Bell

Ronald N. Brissette

Christopher S. Keeney

Jack R. McKenzie

Brian J. Mueller

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Meritor Heavy Vehicle Systems, LLC

Internal Address: Patent Department

Street Address: 2135 West Maple Road

City: Troy State: MI Zip: 48084-7186

Additional name(s) & address(es) attached: ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agt. ☐ Change of Name  
☐ Other

Execution Date: 6/9/00, 5/25/00, 6/9/00, 4/24/00,  
7/10/00 and 6/12/00

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

09/619453

If this document is being filed together with a new application, the execution date is: Herewith

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached: ☐ Yes ☒ No.

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Theodore W. Olds, Esq.

Internal: Carlson, Gaskey & Olds

Address: 400 W. Maple, Suite 350

Street Address: Same As Above

City: Birmingham State: MI Zip: 48009

6. Total no. of applications and Patents involved

1

7. Total fee (37 CFR 3.41) . . . . . \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

Meritor Deposit Acct. No. 18-1720

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Theodore W. Olds

Name of Person Signing

Signature

Date

19 July 2000

Total number of pages including cover sheet, attachments and document: 9

10/06/2000 6TOM11 00000032 181720 09619453

01 FC:581 40.00 CH

**ASSIGNMENT**  
**(Joint Inventors)**

WHEREAS, We, **Dennis A. Kramer, Dale Bell, Ronald N. Brissette, Christopher S. Keeney, Jack R. McKenzie and Brian J. Mueller** (hereinafter referred to as Assignors), residing respectively at **1903 Spiceway, Troy, MI 48098; 2709 Hummer Lake Road, Ortonville, MI 48462; 2423 Brabant Drive, Lake Orion, MI 48360; 3273 Helena, Troy, MI 48083; 8 Amberwood Lane, Hendersonville, NC 28791 and 3288 Hickory Drive, Lake Orion, MI 48359** have invented new and useful improvements in:

**METHOD AND SYSTEM FOR OPTIMIZING OPERATION OF VEHICLE  
CONTROL SYSTEMS BASED ON THE DYNAMICS OF THE VEHICLE**

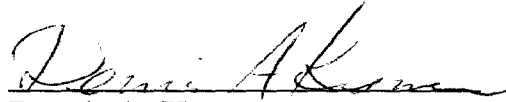
which is set forth in an application in the United States executed on even date herewith:

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 in foreign patent offices, and the right to claim the priority date of said United States patent 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.

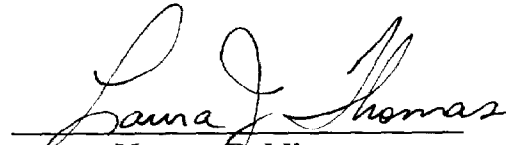
AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor,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

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Troy  
 \_\_\_\_\_, in the State of Michigan, this 9<sup>th</sup> day of June, 2000.

  
 Dennis A. Kramer

STATE OF MICHIGAN     )  
                                       )  
 COUNTY OF Oakland

Before me personally appeared said Dennis A. Kramer and acknowledged the foregoing instrument to be his own free act and deed, this 9<sup>th</sup> day of June, 2000.

  
 Notary Public

SEAL

**LAURA J. THOMAS**  
 Notary Public, Macomb County, MI  
 Acting in Oakland County, MI  
 My Commission Expires Jan. 24, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_  
 \_\_\_\_\_, in the State of Michigan, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
 Dale Bell

STATE OF MICHIGAN     )  
                                       )  
 COUNTY OF             )

Before me personally appeared said Dale Bell and acknowledged the foregoing instrument to be their own free act and deed, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
 Notary Public

SEAL

Attorney Docket No. 60,130-455

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_, in the State of Michigan, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Dennis A. Kramer

STATE OF MICHIGAN    )  
                                  )  
COUNTY OF            )

Before me personally appeared said Dennis A. Kramer and acknowledged the foregoing instrument to be his own free act and deed, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public

SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at May \_\_\_\_\_, in the State of Michigan, this 25 day of May, 2000.

Dale Bell  
Dale Bell

STATE OF MICHIGAN    )  
                                  )  
COUNTY OF Oakland    )

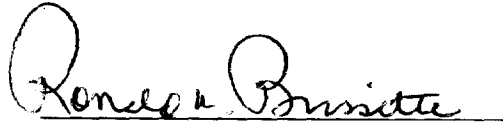
Before me personally appeared said Dale Bell and acknowledged the foregoing instrument to be their own free act and deed, this 25 day of May, 2000.

Laura J. Thomas  
Notary Public

LAURA J. THOMAS  
Notary Public, Macomb County, MI  
Acting in Oakland County, MI  
My Commission Expires Jan. 24, 2002

SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Troy, in the State of Michigan, this 9th day of June, 2000.

  
 Ronald N. Brisette

STATE OF MICHIGAN     )  
   )  
 COUNTY OF Oakland

Before me personally appeared said Ronald N. Brisette and acknowledged the foregoing instrument to be his own free act and deed, this 9th day of June, 2000.

  
 Notary Public

SEAL

**LAURA J. THOMAS**  
 Notary Public, Macomb County, MI  
 Acting in Oakland County, MI  
 My Commission Expires Jan. 24, 2002

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_, in the State of Michigan, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
 Christopher S. Keeney

STATE OF MICHIGAN     )  
   )  
 COUNTY OF             )

Before me personally appeared said Christopher S. Keeney and acknowledged the foregoing instrument to be their own free act and deed, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
 Notary Public

SEAL

Attorney Docket No. 60.130-455

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_  
 \_\_\_\_\_, in the State of Michigan, this \_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
 Ronald N. Brisette

STATE OF MICHIGAN )

COUNTY OF )

Before me personally appeared said Ronald N. Brisette and acknowledged the  
 foregoing instrument to be his own free act and deed, this \_\_\_\_ day of \_\_\_\_\_,  
 2000.

\_\_\_\_\_  
 Notary Public

SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at \_\_\_\_\_  
Troy, in the State of Michigan, this 24 day of April, 2000.

Christopher S. Keeney  
 Christopher S. Keeney

STATE OF MICHIGAN )

COUNTY OF Macomb )

Before me personally appeared said Christopher S. Keeney and acknowledged the  
 foregoing instrument to be their own free act and deed, this 24 day of April,  
 2000.

Carol Willis  
 Notary Public

SEAL

CAROL M. WILLIS  
 NOTARY PUBLIC MACOMB CO., MI  
 MY COMMISSION EXPIRES Aug 15, 2004

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at FLETCHER,  
 \_\_\_\_\_, in the State of North Carolina, this 10 day of JULY, 2000.

  
 \_\_\_\_\_  
 Jack R. McKenzie

STATE OF NORTH CAROLINA )

COUNTY OF Buncombe )

Before me personally appeared said Jack R. McKenzie and acknowledged the  
 foregoing instrument to be his own free act and deed, this 10 day of July,  
 2000.

  
 \_\_\_\_\_  
 Notary Public

SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Troy  
                    , in the State of Michigan, this 12 day of June, 2000.

Brian J. Mueller  
Brian J. Mueller

STATE OF MICHIGAN     )  
                                      )  
COUNTY OF Oakland

Before me personally appeared said Brian J. Mueller and acknowledged the foregoing instrument to be their own free act and deed, this 12 day of June, 2000.

Laura J. Thomas  
Notary Public

SEAL

**LAURA J. THOMAS**  
Notary Public, Macomb County, MI  
Acting in Oakland County, MI  
My Commission Expires Jan. 24, 2002



Please address all correspondence and telephone calls and, upon recordation, please return this document to:

**THEODORE W. OLDS  
CARLSON, GASKEY & OLDS  
400 W. Maple Road, Suite 350  
Birmingham, MI 48009  
(248) 988-8360**