Form PTO-1595	BECORD (MICH ECT)	~~	TEET	U. S. Dept. of	Commerce
(Rev. 6/93) OMB No. 0651-0011	10-26-1999			Patent and Traden	nark Office
To the Pleas			rademarks:		P.T0
1. Name of Conveying Party(ies). David K. Platner, Kurt A. Bur Thomas Hughes, Ragnar Ledes Steven R. Miller, Mark P. Rey Monte G. Williams,	meister, sma, Nar ynolds,	ne: <u>Me</u>	Name and address of eritor Light Vehicle standarders: Patent Department	Systems, Inc.	09/419484
Additional name(s) of conveying party(ies) attached.  Nature of conveyance:	ed? Yes X No Stre	et Ado	dress: 2135 W. Map	le	
X Assignment Security Agt Other Execution Date: July 15, 1999	Change of Name Addi	:Troy	Sta	te: <u>MIZip:_4</u>	8084-7186
<ul><li>4. Application number(s) or paten</li><li>If this document is being filed at</li><li>A. Patent Application No.</li></ul>	together with a new applicati	on, the		July 15, 1999	
5. Name and address of party to v concerning document should be Name: Theodore W. Olds, Howard & H.	mailed:		X No  Total no. of applicati patents involved	ons and	one
Internal Address: The Pinehurst Office C  1400 North Woodward Avenue, Suite 1  Street Address: Same As Above	Center 7.	_	X Enc	41) \$ 40.  losed horized to be charged osit account ber:	
City: Bloomfield Hills State: Michiga	an Zip:48304-2855	<u>O</u>	08-2789 Attach duplicate copy of t	this page if paying by depo	osit account)
725/1999 DMGUYEN 00000271 09419484 FC:581 40.00 0	DO NOT USE THIS  e best of my knowledge and			mation is two and a	orract and

Theodore W. Olds, Reg. No. 33,080

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Name of Person Signing

October 15, 1999 Date

Total number of pages including cover sheet, attachments and document: 7

## **ASSIGNMENT** (Joint Inventors)

WHEREAS, We, David K. Platner, Kurt A. Burmeister, Thomas Hughes, Ragnar H. Ledesma, Steven R. Miller, Mark P. Reynolds, and Monte G. Williams (hereinafter referred to as Assignors), residing respectively at 8999 Shelby Woods Drive, Shelby, MI 48317-2556; 1691 Hillcrest, Rochester Hills, MI 48306; 6 Buckbean Way, Goostrey, Near Crewe, Cheshire, CW4 8 JJ, United Kingdom; 2608 Tallowtree, Sterling Heights, MI 48314; 5714 Berwick Ct., Clarkston, MI 48346; 1157 Latham, Birmingham, MI 48009; and 1006 Butternut Avenue, Royal Oak, MI 48073 have invented new and useful improvements in:

## METHOD AND SYSTEM FOR PREDICTING ROAD PROFILE

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

AND WHEREAS, Meritor Light Vehicle Systems, Inc. (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.

PATENT REEL: 010325 FRAME: 0168

IN TESTIMONY WHEREON Troy, in the State of Michigan	F, I hereunto set my hand and affix my seal at
STATE OF MICHIGAN ) Mucomb, acting in Oakland ) COUNTY OF Oakland )	
	red said David K. Platner and acknowledged the free act and deed, this 17th day of August
	Jaura & Thomas
SEAL	Notary Public LAURA J. THOMAS Notary Public, Macomb County, MI My Commission Expires Jan. 24, 2002
	F, I hereunto set my hand and affix my seal at igan, this 16th day of August, 1999.  Surt August Kuri A. Burmeister
STATE OF MICHIGAN ) Macomb, acting in Dakland ) COUNTY OF Dakland )	
Before me personally appeare foregoing instrument to be their own, 1999.	ed said Kurt A. Burmeister and acknowledged the n free act and deed, this 16th day of 1 mgust
_, 1777.	Laura & Thomas
	Notary Public
SEAL	LAURA J. THOMAS  Noticy Public, Macordo County, MI  My Commission Expires Jan. 24, 2002

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PATENT 'REEL: 010325 FRAME: 0169

Thomas Hughes

Dated

PATENT REEL: 010325 FRAME: 0170

IN TESTIMONY WHEREO	F, I hereunto set my hand and affix my seal at uigan, this <u>2r</u> day of <u>Account</u> , 1999.
V	$\nu$
	do la companya de la
	Ragnar H. Ledesma
	Ragnar H. Ledesma
STATE OF MICHIGAN )	
)	
COUNTY OF Macomb, )  acting in Dakland	
Before me personally appear	ed said Ragnar H. Ledesma and acknowledged the
foregoing instrument to be their ow	n free act and deed, this 25th day of August
_, 1999.	2
	.// () ///
	Sotom Bullion
	Notary Public LAURA J. THOMAS
	Notary Public, Macomb County, MI
SEAL	My Commission Expires Jan. 24, 2002
	Fiver R. Mille
	Steven R. Miller
STATE OF MICHIGAN )	
COUNTY OF Macomb,  acting in Dakland	
<b>3</b>	red said Steven R. Miller and acknowledged the
oregoing instrument to be their own	free act and deed, this 34th day of August
, 1999.	$// \cap I_{I}$
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week and the	Jamas Shomas
	Notary Public
CEAI	LAURA J. THOMAS
SEAL.	Notary Public, Macomb County, MI My Commission Expires Jan. 24, 2002
	(61) Colitinoper malara are a la color

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PATENT

REEL: 010325 FRAME: 0171

	ereunto set my hand and affix my seal at, this \( \frac{76}{26} \) day of \( \frac{Avg_v}{200}, 1999.
	Mark P. Reynolds
	Mark 1. Reynolds
STATE OF MICHIGAN )	
COUNTY OF Macomb, ) acting in Dakland	
Before me personally appeared sai foregoing instrument to be his own free a , 1999.	id Mark P. Reynolds and acknowledged the ct and deed, this Ath day of August
, 1777.	
	hama t Shomas
	Notary Public
	LAURA J. THOMAS
SEAL	<ul> <li>Notary Public, Masemb County, MI</li> <li>My Commission Expires Jan. 24, 2002</li> </ul>
SEAL	,,
	ereunto set my hand and affix my seal at this <u>Ay</u> day of <u>August</u> , 1999.
	Monte G. Williams
STATE OF MICHIGAN )	
COUNTY OF Macomt, ) acting in Dakland	
foregoing instrument to be his own free a	d Monte G. Williams and acknowledged the act and deed, this 24th day of fugust
, 1999.	Laura & Thomas
	Notary Public
SEAL	LAURA J. THOMAS
	Notary Public, Macomb County, MI
• 2 Co.	Mir Commission Expires Jan. 24, 2002

PATENT
RECORDED: 10/15/1999 | REEL: 010325 FRAME: 0172