

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Meritor Heavy Vehicle Systems, LLC	08/23/2006

RECEIVING PARTY DATA

Name:	JPMorgan Chase Bank, National Association, for itself and as Administrative Agent for the Lenders
Street Address:	1111 FANNIN, 10TH FLOOR
City:	Houston
State/Country:	TEXAS
Postal Code:	77002

PROPERTY NUMBERS Total: 103

Property Type	Number
Patent Number:	6958611
Patent Number:	6752235
Patent Number:	6681987
Patent Number:	6646432
Patent Number:	6631794
Patent Number:	6622828
Patent Number:	6607205
Patent Number:	6585223
Patent Number:	6554094
Patent Number:	6550780
Patent Number:	6532848
Patent Number:	6528132
Patent Number:	6505714
Patent Number:	6502671

PATENT

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REEL: 018524 FRAME: 0770

CH \$4120.00 6958611

Patent Number:	6481702
Patent Number:	6481542
Patent Number:	6450300
Patent Number:	6431298
Patent Number:	6415667
Patent Number:	6405840
Patent Number:	6397980
Patent Number:	6397977
Patent Number:	6384716
Patent Number:	6382741
Patent Number:	6374959
Patent Number:	6363331
Patent Number:	6361466
Patent Number:	6357571
Patent Number:	6354410
Patent Number:	6314342
Patent Number:	6305511
Patent Number:	6299561
Patent Number:	6298955
Patent Number:	6293370
Patent Number:	6286992
Patent Number:	6286912
Patent Number:	6279391
Patent Number:	6276495
Patent Number:	6276474
Patent Number:	6275753
Patent Number:	6273522
Patent Number:	6273218
Patent Number:	6267203
Patent Number:	6264370
Patent Number:	6263801
Patent Number:	6260665
Patent Number:	6260595
Patent Number:	6257678
Patent Number:	6257065

Patent Number:	6253989
Patent Number:	6250430
Patent Number:	6250429
Patent Number:	6237732
Patent Number:	6236329
Patent Number:	6236310
Patent Number:	6234492
Patent Number:	6233837
Patent Number:	6230556
Patent Number:	6230540
Patent Number:	6224167
Patent Number:	6223602
Patent Number:	6213264
Patent Number:	6203045
Patent Number:	6202812
Patent Number:	6200240
Patent Number:	6190281
Patent Number:	6186257
Patent Number:	6170921
Patent Number:	6139461
Patent Number:	6132329
Patent Number:	6126570
Patent Number:	6098480
Patent Number:	6094132
Patent Number:	6072388
Patent Number:	6062637
Patent Number:	6011827
Patent Number:	5992579
Patent Number:	5951402
Patent Number:	5939978
Patent Number:	5927422
Patent Number:	5924504
Patent Number:	5909171
Patent Number:	5893434
Patent Number:	5878830

Patent Number:	5877455
Patent Number:	5875873
Patent Number:	5738189
Patent Number:	5649612
Patent Number:	5599150
Patent Number:	5853177
Patent Number:	6237834
Patent Number:	5915705
Patent Number:	5908198
Patent Number:	6270168
Patent Number:	6199876
Patent Number:	6513812
Patent Number:	5893564
Patent Number:	5845919
Patent Number:	5788263
Patent Number:	5778798
Patent Number:	5690353
Patent Number:	5683098
Patent Number:	5505481

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	36084/33470
NAME OF SUBMITTER:	Dusan Clark

Total Attachments: 9

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**CONFIRMATORY GRANT OF SECURITY INTEREST  
IN UNITED STATES PATENTS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (the "Confirmatory Grant") is made effective as of August 23, 2006 by and from MERITOR HEAVY VEHICLE SYSTEMS, LLC, a Delaware limited liability company (the "Grantor"), to and in favor of JPMORGAN CHASE BANK, NATIONAL ASSOCIATION, (the "Grantee") for itself and as Administrative Agent for the Lenders (as defined in the Credit Agreement referenced below).

WHEREAS, ArvinMeritor, Inc. (the "Company") (together with certain Subsidiaries of the Company from time to time parties thereto as borrowers and the Lenders) and Grantee have entered into a Credit Agreement dated June 23, 2006 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

WHEREAS, the Grantor, along with certain other Subsidiaries of the Company, has guaranteed the repayment of the Secured Obligations pursuant to a Pledge and Security Agreement dated June 23, 2006 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Pledge and Security Agreement").

WHEREAS, the Company, the Grantor and certain Subsidiaries of the Company have entered into a Patent Security Agreement dated June 23, 2006 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement")

WHEREAS, the Grantor owns the patents (the "Patents") listed on Exhibit A attached hereto, which Patents are issued or pending with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted to Grantee under the Patent Security Agreement. The rights and remedies of Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Patent Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Confirmatory Grant are deemed to conflict with the Patent Security Agreement, the provisions of the Patent Security Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meaning given to them in the Credit Agreement.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of (i) all the Secured Obligations and (ii) all of the obligations and liabilities of the Subsidiary Guarantors under the Guaranty. Upon the payment in full of all Secured Obligations (other than contingent indemnification obligations), Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to Grantor all reasonably requested instruments in writing releasing the security interest in the Patents acquired under this Confirmatory Grant.

(b) The Grantor hereby grants to Grantee a security interest in (1) all of Grantor's right, title and interest in and to the Patents set forth in Exhibit A now owned or from time to time after the date hereof owned or acquired by the Grantor, together with (2) all proceeds and products of the Patents, and (3) all causes of action arising prior to or after the date hereof for infringement of the Patents or unfair competition regarding the same.

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IN WITNESS WHEREOF, the Grantor has executed this Confirmatory Grant of Security Interest effective as of the date first written above.

MERITOR HEAVY VEHICLE SYSTEMS, LLC

By: Mary A. Lehmann

Name: Mary A. Lehmann

Title: Vice President and Treasurer

STATE OF MICHIGAN           )  
OAKLAND COUNTY           )

Mary A. Lehmann, known to me to be the Vice President and Treasurer of Meritor Heavy Vehicle Systems, LLC, personally came before me this 23rd day of August, 2006, and executed or acknowledged to me that he executed the foregoing Confirmatory Grant of Security Interest in United States Patents on behalf of Meritor Heavy Vehicle Systems, LLC and pursuant authority duly received.

(SEAL)

Wendy Sophia Lauzano Hertz  
Notary Public, State of Michigan  
My Commission Expires: 2/23/07

WENDY SOPHIA LAUZANO-HERTZ  
NOTARY PUBLIC OAKLAND CO., MI  
MY COMMISSION EXPIRES Feb 23, 2007



CONFIRMATORY GRANT OF SECURITY INTEREST  
IN UNITED STATES PATENTS  
Exhibit A - SCHEDULE OF PATENTS

Title	Patent No./App. No.	Issue Date/Filing Date
Diagnostic Remote Control	6958611	10/25/2005
Modular Transaxle	6752235	6/22/2004
Smart card system for heavy vehicles	6681987	1/27/2004
Axle assembly integrated with an electronic odometer	6646432	11/11/2003
Drive unit assembly with a regenerative retarder	6631794	10/14/2003
Cam bushing for cam braking system	6622828	9/23/2003
Steerable independent air suspension system	6607205	8/19/2003
Variable compliance bushing	6585223	7/1/2003
Method and system for independently electronically controlling steering of vehicle wheels	6554094	4/29/2003
Washer-seal for a cam braking system	6550780	4/22/2003
Method for producing and balancing a brake drum	6532848	3/18/2003
Phase change cooling of brake components	6528132	3/4/2003
Parking-brake in vehicles	6505714	1/14/2003
Brake actuation using a toggle clamp	6502671	1/7/2003
Reduction of coil spring load height variability	6481702	11/19/2002
Brake adjuster	6481542	11/19/2002
Packaging a temperature sensing brake lining wear indicator in a brake shoe assembly	6450300	9/17/2002
Drive unit assembly for an electrically driven	6431298	8/13/2002

Exhibit A

vehicle		
Thermally activated sensor system	6415667	7/9/2002
Slotted mesh attachment for brake linings	6405840	6/18/2002
Sealed dry disc brake	6397980	6/4/2002
Vehicle brake having brake de-adjust	6397977	6/4/2002
Trailer slider repositioning alarm	6384716	5/7/2002
Parking-braking in vehicles	6382741	5/7/2002
Improvements in disc brake shoe and lining assemblies	6374959	4/23/2002
Weight distribution monitor	6363331	3/26/2002
Temperature based differential lock controller	6361466	3/26/2002
Hydraulic device to limit slip	6357571	3/19/2002
Rubber bonded anchor pin for a vehicle brake assembly	6354410	3/12/2002
Method and system for optimizing operation of vehicle control systems based on the dynamics of the vehicle	6314342	11/6/2001
Parking braking in vehicles having conventional braking systems	6305511	10/23/2001
Device for controlling level of gear lubricant as a function of speed	6299561	10/9/2001
Shaft seal for eccentric air brake lever	6298955	10/9/2001
Vehicle brake having electric motor control of brake running clearance	6293370	9/25/2001
Axle temperature monitor	6286992	9/11/2001
Improvements in Pneumatically-operated braking systems for vehicles-supply dump valve	6286912	9/11/2001
Electrical engine firing pulse converter	6279391	8/28/2001
Brake temperature monitor using heat pipe	6276495	8/21/2001

Low floor drive unit assembly for an electrically driven vehicle	6276474	8/21/2001
Method and system for detecting wheel misalignment of a vehicle	6275753	8/14/2001
Trailer brake control	6273522	8/14/2001
Vehicle brake system having a sensor to measure movement	6273218	8/14/2001
Axle housing bowl lubricant temperature reduction system	6267203	7/31/2001
Isolated bearing	6264370	7/24/2001
Multi-mode trailer suspension system for use with rail bogies	6263801	7/24/2001
System and method for determining brake lining wear based on cooling wave propagation time	6260665	7/17/2001
Unitized hub cap	6260595	7/17/2001
Improved vehicle hub	6257678	7/10/2001
Strain gauge vibration sensor	6257065	7/10/2001
Press fit joint with improved puddle weld retention	6253989	7/3/2001
System and method for determining brake lining wear using a temperature detector and brake actuation system	6250430	6/26/2001
Brake shoe assembly having a resistive brake lining wear sensor	6250429	6/26/2001
Trailer axle cam bushing boot	6237732	5/29/2001
Sliding vibration warning switch	6236329	5/22/2001
Brake shoe assembly having a brake lining wear and temperature sensor	6236310	5/22/2001
Method and system for providing variable load control and isolation in a vehicle suspension	6234492	5/22/2001

Axle alignment using a reflected signal	6233837	5/22/2001
Axle assembly integrated with a tire inflation system and an electronic recorder	6230556	5/15/2001
Method and apparatus for forming an integral bearing shoulder in a tubular axle	6230540	5/15/2001
Retaining assembly for an axle hub and bearing assembly	6224167	5/1/2001
Electromagnetic vibration sensor	6223602	5/1/2001
Sealing arrangement for brake camshaft	6213264	4/10/2001
System for automatically controlling weight distribution among truck axles	6203045	3/20/2001
Simplified transfer case shift actuator	6202812	3/20/2001
Inte-axle differential assembly for a tandem drive axle set	6200240	3/13/2001
Caseless interaxle differential	6190281	2/20/2001
Method and system for floating a vehicle	6186257	2/13/2001
Magnetostrictive brake actuation mechanism	6170921	1/9/2001
Reverse bevel gear differential	6139461	10/31/2000
Axle assembly lubricant temperature reduction apparatus	6132329	10/17/2000
Shift synchronization using decaying torque	6126570	10/3/2000
Worm gear assembly for drive axle	6098480	8/8/2000
System for monitoring driveline spinout conditions	6094132	7/25/2000
Driveline sound monitor	6072388	6/6/2000
Sunroof for motor vehicles	6062637	5/16/2000
Electronic hub odometer	6011827	1/4/2000
Method and apparatus for detecting an improperly adjusted slack adjuster	5992579	11/30/1999
Driveline assembly	5951402	9/14/1999

Temperature sensing brake lining wear indicator	5939978	8/17/1999
Method and apparatus for correcting drive wheel slip	5927422	7/27/1999
Suspension drive unit assembly for an electrically driven vehicle	5924504	7/20/1999
Temperature sensing brake lining wear indicator	5909171	6/1/1999
Lining wear indicator for a drum brake	5893434	4/13/1999
Space saving mounting for electrically driven vehicle wheels	5878830	3/9/1999
Payload monitoring for a tractor/trailer	5877455	3/2/1999
Air disc brake anti-rattle design	5875873	3/2/1999
Adjuster mechanism for disc brake, with improved over-torque clutch	5738189	4/14/1998
Brake bracket assembly	5649612	7/22/1997
Clevis pin retainer clips	5599150	2/4/1997
Drive transmission sealing device	5853177	12/29/1998
Linear friction welded brake shoe assembly	6237834	5/29/2001
Lift mechanism for vehicle suspensions	5915705	6/29/1999
Center beam suspension system	5908198	6/1/1999
Pneumatically-operated braking system for tractor-trailer combinations	6270168	8/7/2001
Vehicle trailer suspension stabilizer and lift system	6199876	3/13/2001
Compensator lip seal and turbine seal	6513812	2/4/2003
Mechanical face seal assembly	5893564	4/13/1999
Spring beam suspension system	5845919	12/8/1998
Suspension system with laminated beams	5788263	8/4/1998
Lift axle suspension for large volume trailers	5778798	6/14/1998

Suspension system with improved beam	5690353	11/25/1997
Suspension system and alignment mechanism therefor	5683098	11/4/1997
Lift axle suspension system	5505481	4/9/1996