

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY AGREEMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ArvinMeritor Technology, LLC	08/23/2006

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 172**

Property Type	Number
Patent Number:	6935788
Patent Number:	6893046
Patent Number:	6883235
Patent Number:	6871723
Patent Number:	6871683
Patent Number:	6857645
Patent Number:	6834748
Patent Number:	6820883
Patent Number:	6793233
Patent Number:	6793035
Patent Number:	6786509
Patent Number:	6772865
Patent Number:	6761237
Patent Number:	6759963

**CH \$6880.00 6935788**

Patent Number:	6755093
Patent Number:	6752410
Patent Number:	6745470
Patent Number:	6744004
Patent Number:	6725983
Patent Number:	6719315
Patent Number:	6719028
Patent Number:	6705965
Patent Number:	6701763
Patent Number:	6698553
Patent Number:	6698076
Patent Number:	6695738
Patent Number:	6695351
Patent Number:	6685569
Patent Number:	6676227
Patent Number:	6672432
Patent Number:	6670890
Patent Number:	6666474
Patent Number:	6663110
Patent Number:	6663010
Patent Number:	6659241
Patent Number:	6659239
Patent Number:	6659217
Patent Number:	6648788
Patent Number:	6648111
Patent Number:	6648109
Patent Number:	6644428
Patent Number:	6641157
Patent Number:	6632252
Patent Number:	6619673
Patent Number:	6619441
Patent Number:	6612390
Patent Number:	6604794
Patent Number:	6587768
Patent Number:	6587043

Patent Number:	6585331
Patent Number:	6578648
Patent Number:	6568697
Patent Number:	6561307
Patent Number:	6557659
Patent Number:	6543858
Patent Number:	6535802
Patent Number:	6533698
Patent Number:	6533363
Patent Number:	6533299
Patent Number:	6516251
Patent Number:	6508462
Patent Number:	6499571
Patent Number:	6490540
Patent Number:	6488303
Patent Number:	6488131
Patent Number:	6487930
Patent Number:	6484600
Patent Number:	6471227
Patent Number:	6446746
Patent Number:	6435536
Patent Number:	6431531
Patent Number:	6406187
Patent Number:	6397702
Patent Number:	6397448
Patent Number:	6394473
Patent Number:	6394159
Patent Number:	6379048
Patent Number:	6378658
Patent Number:	6367825
Patent Number:	6357563
Patent Number:	6349988
Patent Number:	6345826
Patent Number:	6233510
Patent Number:	6225892

Patent Number:	6213489
Patent Number:	6196363
Patent Number:	5992586
Patent Number:	5813916
Patent Number:	5735747
Patent Number:	5722516
Patent Number:	5718633
Patent Number:	5704692
Patent Number:	5697677
Patent Number:	5638928
Patent Number:	5607034
Patent Number:	5562546
Patent Number:	5484041
Patent Number:	5433301
Patent Number:	5305856
Patent Number:	5090779
Patent Number:	4867281
Patent Number:	4858730
Patent Number:	4858729
Patent Number:	4854427
Patent Number:	4727964
Patent Number:	5111138
Patent Number:	5067732
Patent Number:	6945522
Patent Number:	6676143
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Patent Number:	6994136
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Patent Number:	6988759
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Patent Number:	6971710
Patent Number:	6966612

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Patent Number:	6854212
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Patent Number:	6848216
Patent Number:	6843750
Patent Number:	6843746
Patent Number:	6840882
Patent Number:	6840865
Patent Number:	6827360
Patent Number:	6827359
Patent Number:	6824205
Patent Number:	6823970

Patent Number:	6820729
Patent Number:	6817452
Patent Number:	6812663
Patent Number:	6811004
Patent Number:	6807775
Patent Number:	6794772
Patent Number:	6786537
Patent Number:	6779837
Patent Number:	6758517
Patent Number:	6739648
Patent Number:	6733020
Patent Number:	6729072
Patent Number:	6707268
Patent Number:	6698825
Patent Number:	6698557
Patent Number:	6679357
Patent Number:	6676228
Patent Number:	6918182

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	36084-33470
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NAME OF SUBMITTER:	Dusan Clark
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**Total Attachments: 13**  
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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 ARVINMERITOR TECHNOLOGY, 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.

ARVINMERITOR TECHNOLOGY, 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 ArvinMeritor Technology, 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 ArvinMeritor Technology, LLC and pursuant authority duly received.

(SEAL)

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

**WENDY SOPHIA LANZANO-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

<b>Title</b>	<b>Patent No./App. No.</b>	<b>Issue Date/Filing Date</b>
Method and device for adjusting bearing assembly for a wheel hub	6935788	8/30/05
Independent suspension undercarriage module for a low floor vehicle	6893046	5/17/2005
Cast integral ring gear and differential case	6883235	4/26/2005
Independent suspension system for a low floor vehicle	6871723	3/29/2005
Hub cap filter for tire inflation system	6871683	3/29/2005
Suspension seat and axle coupling	6857645	2/22/2005
Liningless brake assembly with dampers	6834748	12/28/2004
Vehicle suspension including dock height holding device	6820883	11/23/2004
Pin control	6793233	9/21/2004
Semi independent swing arm	6793035	9/21/2004
Vehicle suspension with a dock height holding device	6786509	9/7/2004
Brake shoe retainer clip	6772865	8/10/2004
Quick connect/disconnect driveline assembly	6761237	7/13/2004
Wheel bearing temperature Indicator	6759963	7/6/2004
Planetary Drive assembly	6755093	6/29/2004

Exhibit A

with idlers for low floor vehicle		
Independent suspension for low profile vehicles	6752410	6/22/2004
Vehicles with large planar composite panels	6745470	6/8/2004
A method for welding an axle housing	6744004	6/1/2004
Shock with air pressure adjusted damping	6725983	4/27/2004
Trailer suspension slider energy absorbing device	6719315	4/13/2004
Wheel end assembly with spindle sleeve	6719028	4/13/2004
Carrier assembly for drive axle	6705965	3/16/2004
Hydroformed trailer axle with weldless flange and bearing shoulder	6701763	3/9/2004
Disc brake chamber adapter	6698553	3/2/2004
Drive shaft manufacturing process	6698076	3/2/2004
Inverted Portal Axle rotating spindle wheel end	6695738	2/24/2004
Internal bulkhead for spring seat reinforcement	6695351	2/24/2004
Vibration absorbing universal joint	6685569	2/3/2004
Metallic debris extractor	6676227	1/13/2004
Two piece stamped brake shoe	6672432	1/6/2003
Thermally activated sensor system	6670890	12/30/2003
Semi-balanced tandem	6666474	12/23/2003

suspension		
Hydrophobic shaft seal	6663110	12/16/2003
Individualized vehicle settings	6663010	12/16/2003
Shock absorber compression damping adjustment	6659241	12/9/2003
Shock absorber through the rod damping adjustment	6659239	12/9/2003
Drive assembly for low floor vehicle	6659217	12/9/2003
Forward carrier assembly for tandem axle	6648788	11/18/2003
Positive rotating anchor pin	6648111	11/18/2003
Adjustable shock absorber	6648109	11/18/2004
Automatic axle traction control	6644428	11/11/2003
Improved method for securing slider to trailer	6641157	11/4/2003
A temperature based driveline health sensor	6632252	10/14/2003
Mechanism for fixing the height of the trailer floor at a plurality of levels by fixing the angular position of a pivoting suspension component	6619673	9/16/2003
Conical drum brake	6619441	9/16/2003
Steer knuckle with integrated cam support	6612390	9/2/2003
UniPilot hub/drum system	6604794	8/12/2003
Vehicle inspection and maintenance system	6587768	7/1/2003
Driver warning system	6587043	7/1/2003
Tubular axle beam	6585331	7/1/2003

Drive axle control system	6578648	6/17/2003
Independent steering and actuator	6568697	5/27/2003
Independent suspension steering system	6561307	5/13/2003
Driveline assembly with vibration dampener	6557659	5/6/2003
Improved wheel end assembly	6543858	4/8/2003
Quick check vehicle diagnostics	6535802	3/18/2003
High bias differential lock	6533698	3/18/2003
Grease retainer for vehicle wheel hubs	6533363	3/18/2003
Driver axle air suspension	6533299	3/18/2003
Automated vehicle shutdown sequence	6516251	2/4/2003
Independent suspension bushing block	6508462	1/21/2003
Brake pad with improved green performance	6499571	12/31/2002
Method and apparatus for measuring driveline angles	6490540	12/3/2002
Collapsible suspension slider pin	6488303	12/3/2002
Disc brake friction lining assembly	6488131	12/3/2002
Cam actuated speed change mechanism	6487930	12/3/2002
Pneumatic three-position shift mechanism with fewer components	6484600	11/26/2002
Improved method for securing slider to trailer	6471227	10/29/2002

Subframe driveline module	6446746	9/10/2002
Operating system for locking pins for sliding undercarriages	6435536	8/20/2002
Composite torsion bars	6431531	8/13/2002
Grease lock seal	6406187	6/18/2002
Dual cam differential	6397702	6/4/2002
Laser alignment system for trailer bodies	6397448	6/4/2002
Weight reduced front steer beams	6394473	5/28/2002
Hub cap filter for tire inflation system	6394159	5/28/2002
Self aligning center bearing	6379048	4/30/2002
Continuous lubricating system	6378658	4/30/2002
Adjustable kingpin boss	6367825	4/9/2002
Brake assembly with air cooling system	6357563	3/19/2002
Vehicle with large planar composite panels	6349988	2/26/2002
Driveline angle control assembly and method for controlling driveline angles in a vehicle	6345826	2/12/2002
Method and system for predicting road profile	6233510	5/15/2001
Gear fatigue monitor	6225892	5/1/2001
Operating system for locking pins for sliding undercarriages	6213489	4/10/2001
Composite brake drum and method for producing same	6196363	3/6/2001
Edge-relieved cam break roller	5992586	11/30/1999

Retained needle trust washer	5813916	9/29/1998
Slip yoke sealing device	5735747	4/7/1998
Disc brake with rigid connection between load plate and adjusting piston	5722516	3/3/1998
Universal joint wear indicator	5718633	2/17/1998
Method of welding a sensor bracket to an axle	5704692	1/6/1998
Bearing support plate for axle housing	5697677	12/16/1997
Brake center tracking roller and cam arrangement	5638928	6/17/1997
Cam brake shoe with formed edges	5607034	3/4/1997
Snap-in slip yoke plug for a slip yoke	5562546	10/8/1996
Composite brake piston with internal cushion	5484041	1/16/1996
A Disc brake assembly including a configured load plate	5433301	7/18/1995
Automotive slack adjusting mechanism including a low friction adjusting gear	5305856	4/26/1994
Acoustic signal transmission between a tractor and trailer within the air brake system	5090779	2/25/1992
Self-adjusting brake actuator	4867281	9/19/1989
Vehicle brake support	4858730	8/22/1989
Brake support assembly	4858729	8/22/1989
Vehicle axle and brake support assembly	4854427	8/8/1989
Air disc brake assembly with shortened end cap and integral	4727964	3/1/1988



cast air chamber bracket		
Speed sensor having a closed magnetic flux path for sensing speed from an axial/face of a rotating	5111138	5/5/1992
Seal Assembly	5067732	11/26/1991
Multi-rate torsion bar independent suspension spring	6945522	9/20/2005
Modular suspension arm assembly	6676143	1/13/2004
Pneumatically actuated parking brake	6994191	2/7/2006
Wheel-end tire air pump	6994136	2/2/2006
Variable ratio drive system	6991571	1/31/2006
King pin seal assembly	6991379	1/31/2006
Interlocking suspension bracket for an inverted portal axle	6991244	1/31/2006
Composite leaf spring having an arcuate attachment arrangement	6991223	1/31/2006
Multi-configuration vehicle door system	6988759	1/24/2006
Axle assembly with parallel mounted electric motors	6978853	12/27/2005
Simplified wind deflector for vehicle sunroof applications	6971710	12/6/2005
Tag axle assembly	6966612	11/22/2005
Multifunction bracket for an air suspension	6966568	11/22/2005
Tandem drive axle assembly	6957710	10/25/2005
Rapid take up and vibration proof adjuster mechanism	6955246	10/18/2005

Gear to case assembly for drive axle	6949046	9/27/2005
Hydroformed tubular structure	6948225	9/27/2005
Axle with parallel drive system for electric hybrid vehicles	6935451	8/30/2005
Stamped ABS sensor bracket	6929332	8/16/2005
Semi-independent rear drive suspension module for a frame-rail chassis vehicle	6929084	8/16/2005
A programmable variable rate spring that uses alternating layers of magneto-rheological fluid and compressible fluid to absorb input energy	6923299	8/2/2005
Door actuation system with helical cable	6922031	7/26/2005
Static wind deflector	6910733	6/28/2005
Door module cable holder	6908140	6/21/2005
Suspended wheel end powered through trailing arm	6904988	6/14/2005
Disc pad assembly without backing plate	6902044	6/7/2005
Method and assembly for automatic slack adjustment of an electric brake actuator	6896106	5/24/2005
Stabilizer bar with bushings that remain fixed to the bar	6893034	5/17/2005
Heavy duty trailing arm suspension system	6886840	5/3/2005
Vehicle wheel end assembly with double reduction gear set	6886655	5/3/2005
Coil spring with lateral bias	6883790	4/26/2005
Adjustable shock absorber	6883650	4/26/2005

Trailing arm suspension anti-roll bar	6871864	3/29/2005
Compound gear joining	6868748	3/22/2005
Method and apparatus for detecting worn universal joint components	6860815	3/1/2005
Retractable roof panel	6860549	3/1/2005
Friction drive system for sliding door	6854212	2/15/2005
Hollow pinion support	6852058	2/8/2005
Single drive system for a sliding vehicle closure member	6848216	2/1/2005
Two-speed gearbox with integrated differential	6843750	1/18/2005
Dual level inverted portal axle lubrication configuration	6843746	1/18/2005
Inter-axle differential bearing elimination configuration	6840882	1/11/2005
Slip seal retainer and stop	6840865	1/11/2005
One-piece trailing arm section	6827360	12/7/2004
Non-drive front axle steering knuckle	6827359	12/7/2004
Roof wind deflector/rain protector	6824205	11/30/2004
Brake drum pilot and method of manufacturing same	6823970	11/30/2004
Shock absorber cylinder head wiper	6820729	11/23/2004
Lever assembly having a selectable push rod receiving insert for a vehicle brake assembly and method of assembly thereof	6817452	11/16/2004

Electric drive system including a stepper motor	6812663	11/2/2004
Vehicle brake assembly having a bearing block closure and method of assembly thereof	6811004	11/2/2004
Power sliding vehicle door	6807775	10/26/2004
Rotary motor using electrical linear actuators	6794772	9/21/2004
One piece plastic water management system for sunroof	6786537	9/7/2004
Mesh side shield for vehicle sunroof	6779837	8/24/2004
Collapsible sunroof sunshade	6758517	7/6/2004
Friction reducing sunroof mechanism	6739648	5/25/2004
Suspension trailing arm	6733020	5/11/2004
Integral latch and drive system for a powered sliding door	6729072	5/4/2004
Alternative drive power arrangement having al electric motor with multiple armatures	6707268	3/16/2004
Honeycomb sunshade	6698825	3/2/2004
Brake drum cooling method and apparatus	6698557	3/2/2004
Brake assembly for cooling fins	6679357	1/20/2004
Wheel end assembly with support tube	6676228	1/13/2004
Variable thickness plate for tubular section	6918182	7/19/2005