

12/12/05

12-19-2005

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

RE



103139837

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joseph A. Fader                      Muhammad Salim  
Mark Christopher Smith          Stephen Heagle  
Evan Roger Moen                  Darryl Sendrea  
Paul Kurt Miska                   Nathan Clark

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

3. Nature of conveyance:

- ☒ Assignment                      ☐ Merger  
☐ Security Agreement           ☐ Change of Name  
☐ Other \_\_\_\_\_

11/9/05; 12/7/05; 12/4/05; 11/9/05;  
11/9/05; 11/9/05; 12/5/05; 12/1/05

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: ArvinMeritor Technology, LLC

Internal Address: \_\_\_\_\_

Street Address: 2135 West Maple

City: Troy State: MI Zip: 48084

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

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

If this document is being filed together with a new application,  
enter the date the patent was signed by the first named executing inventor: 11/9/05

A. Patent Application No.(s)

Herewith

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kerrie A. Laba

Internal Address: Carlson, Gaskey & Olds, P.C.

Street Address: 400 West Maple

Suite 350

City: Birmingham State: Michigan Zip: 48009

6. Total number 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:

50-1482

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
(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.*

Kerrie A. Laba

Name of Person Signing

Signature

December 12, 2005

Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

12/14/2005 LWONDIH1 00000019 11299569

04 FC:8021

40.00 DP

PATENT  
REEL: 017385 FRAME: 0249

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

WHEREAS, we, Joseph A. Fader, 6812 Rink Drive, Brighton, MI 48114; Mark Christopher Smith, 350 Scottsdale Drive, Troy, MI 48084; Evan Roger Moen, 5582 Worthcrest Village Trail, Clarkston, MI 48036; Paul Kurt Miska, 23209 Tuck Road, Farmington Hills, MI 48336; Muhammad Salim, 2301 Randolph Avenue, Windsor, Ontario, Canada N9E 3X3; Stephen Heagle, 136 Old Maple Blvd., Rockwood, Ontario, Canada, N08ZK0; Darryl Sendrea, 10 Delemere Road, Brampton, Ontario, Canada L6T3B6; and Nathan Clark, 50605 Murray, Macomb, MI 48044 (hereinafter referred to as Assignors), have invented new and useful improvements in:

**DYNAMIC PIERCE POINT CENTERING SPRING SEAT**

which is set forth in an application for Letters Patent in the United States executed on even date herewith; Attorney Docket No. 60,130-2510; 05ARM0339/340;

AND WHEREAS, **ArvinMeritor Technology, LLC** (hereinafter referred to as Assignee), of **2135 West Maple Road, Troy, Michigan 48084-7186** is desirous of acquiring the entire right, title and interest in and to said invention and said application for 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.

11-9-05

Date

  
Joseph A. Fader

Date

Mark Christopher Smith

Date

Evan Roger Moen

Date

Paul Kurt Miska

Date

Muhammad Salim

Date

Stephen Heagle

Date

Darryl Sendrea

Date

Nathan Clark

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

**Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360**

60,130-2510; 05ARM0339/340

Date

12/7/2005

Date

Joseph A. Fader



Mark Christopher Smith

Date

Evan Roger Moen

Date

Paul Kurt Miska

Date

Muhammad Salim

Date

Stephen Heagle

Date

Darryl Sendrea

Date

Nathan Clark

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

Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

60,130-2510; 05ARM0339/340

---

Date

---

Joseph A. Fader

---

Date

---

Mark Christopher Smith

12-4-05

---

Date

---



---

Evan Roger Moen

---

Date

---

Paul Kurt Miska

---

Date

---

Muhammad Salim

---

Date

---

Stephen Heagle

---

Date

---

Darryl Sendrea

---

Date

---

Nathan Clark

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

Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

---

Date

---

Joseph A. Fader

---

Date

---

Mark Christopher Smith

---

Date

---

Evan Roger Moen

---

Nov. 9, 2005  
Date

---

  
Paul Kurt Miska

---

Date

---

Muhammad Salim

---

Date

---

Stephen Heagle

---

Date

---

Darryl Sendrea

---

Date

---

Nathan Clark

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

Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

---

Date

---

Joseph A. Fader

---

Date

---

Mark Christopher Smith

---

Date

---

Evan Roger Moen

---

Date

---

Paul Kurt Miska

---

Date

---

Muhammad Salim

---

Date

---

Stephen Heagle

---

Date

---

Darryl Sendrea

---

Date

---

Nathan Clark

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

Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

60,130-2510; 05ARM0339/340

---

Date

---

Joseph A. Fader

---

Date

---

Mark Christopher Smith

---

Date

---

Evan Roger Moen

---

Date

---

Paul Kurt Miska

---

Date

---

Muhammad Salim

---

Date

---

Stephen Heagle

---

December 05, 2005

---

Date

---

Darryl Sendrea

---

Date

---

Nathan Clark

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

**Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360**



60,130-2510; 05ARM0339/340

---

Date

---

Joseph A. Fader

---

Date

---

Mark Christopher Smith

---

Date

---

Evan Roger Moen

---

Date

---

Paul Kurt Miska

---

Date

---

Muhammad Salim

---

Date

---

Stephen Heagle

---

Date

---

Darryl Sendrea

12/01/05

---

Date

---

  
Nathan Clark

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

Kerrie A. Laba  
Carlson, Gaskey & Olds, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

\*\* TOTAL PAGE.05 \*\*

RECORDED: 12/12/2005

PATENT  
REEL: 017385 FRAME: 0257