

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6558893

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEREMY CRADIT	01/26/2021
NICK BOFFERDING	12/22/2020
DAVID ZUESKI	01/19/2021
ROBERT MARTIN	01/22/2021
ERIC LAMOTHE	01/28/2021
CHRISTOPHER KEENEY	01/04/2021
BRIAN HAYES	01/18/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARVINMERITOR TECHNOLOGY, LLC
<b>Street Address:</b>	2135 WEST MAPLE ROAD
<b>City:</b>	TROY
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48084
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17178508
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)358-3351
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2483584400
<b>Email:</b>	mdrapinski@brookskushman.com
<b>Correspondent Name:</b>	BROOKS KUSHMAN P.C.
<b>Address Line 1:</b>	1000 TOWN CENTER
<b>Address Line 2:</b>	TWENTY-SECOND FLOOR
<b>Address Line 4:</b>	SOUTHFIELD, MICHIGAN 48075-1238
<b>ATTORNEY DOCKET NUMBER:</b>	MERIT200045PUS
<b>NAME OF SUBMITTER:</b>	MATTHEW M. MIETZEL
<b>SIGNATURE:</b>	/Matthew M. Mietzel/
<b>DATE SIGNED:</b>	02/18/2021

PATENT

**Total Attachments: 7**

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**PATENT**

**REEL: 055323 FRAME: 0659**

**ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

Title of Invention	AXLE ASSEMBLY HAVING A GEAR REDUCTION MODULE WITH COUNTERSHAFT GEAR SETS
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As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ The attached application, or

☐ United States application or PCT international application number

17/178,508 filed on February 18, 2021 (I hereby authorize the  
insertion of the application filing date and number when they become known.)

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to ArvinMeritor Technology, LLC, a limited liability company organized and existing under the laws of the state of Delaware, and having a place of business at 2135 West Maple Road, Troy, Michigan 48084, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

**LEGAL NAME OF INVENTOR**

Inventor: Jeremy Cradit

Date: 1/26/2021

Signature: Jeremy L Cradit

Page 1 of 2 (Supplemental Sheet with Additional Joint Inventors is attached if necessary)

Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

**SUPPLEMENTAL SHEET FOR ASSIGNMENT AND  
DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET  
(37 C.F.R. 1.76)**

Additional Inventors  
Page 2 of 2

Title of Invention      **AXLE ASSEMBLY HAVING A GEAR REDUCTION MODULE WITH  
COUNTERSHAFT GEAR SETS**

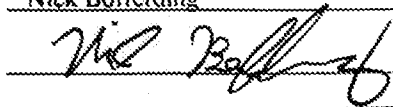
**Legal Name of Additional Joint Inventor:**

Inventor:      Nick Bofferding

Date:

12/22/20

Signature:



**Legal Name of Additional Joint Inventor:**

Inventor:      David Zueski

Date:

Signature:

**Legal Name of Additional Joint Inventor:**

Inventor:      Robert Martin

Date:

Signature:

**Legal Name of Additional Joint Inventor:**

Inventor:      Eric LaMothe

Date:

Signature:

**Legal Name of Additional Joint Inventor:**

Inventor:      Christopher Keeney

Date:

Signature:

**Legal Name of Additional Joint Inventor:**

Inventor:      Brian Hayes

Date:

Signature:

**PATENT**

**REEL: 055323 FRAME: 0661**

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**Additional Inventors**  
**Page 2 of 2**

Title of Invention	AXLE ASSEMBLY HAVING A GEAR REDUCTION MODULE WITH COUNTERSHAFT GEAR SETS
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**Legal Name of Additional Joint Inventor:**

Inventor: Nick Bofferding Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: David Zueski Date: 1/19/2021

Signature: David Smith

**Legal Name of Additional Joint Inventor:**

Inventor: Robert Martin Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: Eric LaMothe Date: \_\_\_\_\_

Signature: \_\_\_\_\_

## Legal Name of Additional Joint Inventor:

Inventor: Christopher Keenev Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor: Brian Hayes Date: \_\_\_\_\_

Signature: \_\_\_\_\_

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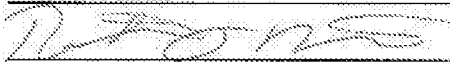
**Legal Name of Additional Joint Inventor:**

Inventor:    Nick Boffarding      Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    David Zueski      Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    Robert Martin      Date: 1/22/21  
Signature: 

**Legal Name of Additional Joint Inventor:**

Inventor:    Eric LaMothe      Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    Christopher Keeney      Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    Brian Hayes      Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

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COUNTERSHAFT GEAR SETS**

**Legal Name of Additional Joint Inventor:**

Inventor:    Nick Bofflerding

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    David Zueski

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    Robert Martin

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    Eric LaMothe

Date:    28 JAN 21

Signature: 

**Legal Name of Additional Joint Inventor:**

Inventor:    Christopher Keeney

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**

Inventor:    Brian Hayes

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

Signature: \_\_\_\_\_

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Title of Invention

**AXLE ASSEMBLY HAVING A GEAR REDUCTION MODULE WITH  
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**Legal Name of Additional Joint Inventor:**Inventor: Nick Bofferding

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**Inventor: David Zueski

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**Inventor: Robert Martin

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**Inventor: Eric LaMothe

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

Signature: \_\_\_\_\_

**Legal Name of Additional Joint Inventor:**Inventor: Christopher KeeneyDate: 1/4/2021Signature: **Legal Name of Additional Joint Inventor:**Inventor: Brian Hayes

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

Signature: \_\_\_\_\_



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Legal Name of Additional Joint Inventor:

Inventor: Nick Bofferding Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Legal Name of Additional Joint Inventor:

Inventor: David Zueski Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Legal Name of Additional Joint Inventor:

Inventor: Robert Martin Date: \_\_\_\_\_

Signature: \_\_\_\_\_

## Legal Name of Additional Joint Inventor:

Inventor: Eric LaMothe Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Legal Name of Additional Joint Inventor:

Inventor: Christopher Keeney Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Legal Name of Additional Joint Inventor:

Inventor: Brian Hayes Date: 1/18/21

Signature: [Signature]