

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6766680

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NIANQING ZHOU	06/11/2021
SHU YAN LIU	06/16/2021
DANIEL P ZULA	06/15/2021
THOMAS J HAYES	06/11/2021
RECEIVING PARTY DATA	
Name:	BENDIX COMMERCIAL VEHICLE SYSTEMS LLC
Street Address:	901 CLEVELAND STREET
City:	ELYRIA
State/Country:	OHIO
Postal Code:	44035
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17349334
CORRESPONDENCE DATA	
Fax Number:	(440)329-9626
<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>	
Phone:	440-329-9443
Email:	cheryl.greenly@bendix.com
Correspondent Name:	CHERYL L GREENLY
Address Line 1:	901 CLEVELAND STREET
Address Line 4:	ELYRIA, OHIO 44035
ATTORNEY DOCKET NUMBER:	IP-BCVS-2020-080-US-01
NAME OF SUBMITTER:	CHERYL L. GREENLY
SIGNATURE:	/Cheryl L. Greenly/
DATE SIGNED:	06/17/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 11	
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Declaration-Assignment-ZHOU.pdf

DocVerify ID: 18B12A56-DB73-41D9-AC31-9D849AD658EA
 Created: June 11, 2021 07:37:15 -8:00
 Pages: 2
 Remote Notary: Yes / State: OH

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E-Signature Summary

E-Signature 1: Nianqing zhou (NZ)

June 11, 2021 07:42:21 -8:00 [191CFDAE8AB9] [184.56.149.102]
 nianqing.zhou@bendix.com (Principal) (Personally Known)

E-Signature Notary: Samantha L Thomas (slt)

June 11, 2021 07:42:21 -8:00 [FF8695E68906] [174.104.255.61]
 samantha.thomas@bendix.com
 I, Samantha L Thomas, did witness the participants named above electronically sign this document.



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ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention: DIRECTION DETECTION USING A WHEEL SPEED SENSOR AND EXCITER RING

This assignment and declaration are directed to (check one):

- the application identified above by the attorney docket no. and title of invention
- PCT International Application Number _____, filed _____
- United States Application No. _____, filed _____

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee: Bendix Commercial Vehicle Systems LLC

Address of Assignee: 901 Cleveland Street, Elyria, Ohio 44035

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

PATENT

REEL: 056570 FRAME 0001

18E12A56-DB73-41D8-AC31-8D846AD858EA --- 2021/06/14 07:07:15 --- Business Registry

DECLARATION

As a below named inventor, I hereby declare that:

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.

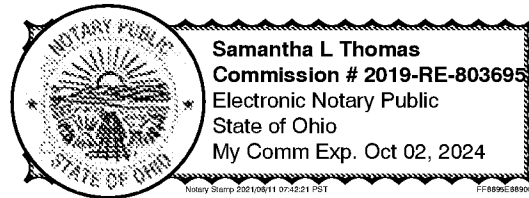
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature:	Nianqing zhou <small>Signed on 2021/06/11 07:42:21 -6:00</small>	06/11/2021
Inventor:	Nianqing Zhou	DATE

On this 06/11/2021, before me, Samantha L Thomas, the undersigned Notary Public, personally appeared Nianqing Zhou ASSIGNOR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same. WITNESS my hand and official seal in Lorain County of Ohio on the date set forth in this certificate.

S Thomas
Signed on 2021/06/11 07:42:21 -6:00

Notary Public



18872A66-CE78-41D8-A1D8-4291-91096862688EA --- 0021/06/11 07:42:21 -6:00 --- Business Notary

**ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63
(For Use with Signed Application Data Sheet)**

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EXCITER RING

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- PCT International Application Number _____, filed _____
- United States Application No. _____, filed _____

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee: Bendix Commercial Vehicle Systems LLC

Address of Assignee: 901 Cleveland Street, Elyria, Ohio 44035

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

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The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

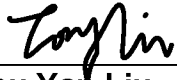
DECLARATION

As a below named inventor, I hereby declare that:

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 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.

Signature:		<u>2021-06-16</u>
Inventor:	Shu Yan Liu	DATE

Dan Yu
 Witness Name


 Witness Signature

2021-06-16
 Date



Declaration-Assignment-ZULA.pdf

DocVerify ID: C0D88B3F-0BCE-4438-BB62-96EA99FDE091
 Created: June 15, 2021 13:06:05 -8:00
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E-Signature Summary

E-Signature 1: Daniel P Zula (DPZ)

June 15, 2021 13:19:48 -8:00 [B74DA4F2B7E6] [173.90.160.27]
 daniel.zula@bendix.com (Principal) (Personally Known)

E-Signature Notary: Samantha L Thomas (slt)

June 15, 2021 13:19:48 -8:00 [4B7F5ADDD334] [174.104.255.61]
 samantha.thomas@bendix.com
 I, Samantha L Thomas, did witness the participants named above electronically sign this document.



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ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

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- United States Application No. _____, filed _____

ASSIGNMENT

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Name of Assignee: Bendix Commercial Vehicle Systems LLC

Address of Assignee: 901 Cleveland Street, Elyria, Ohio 44035

(hereinafter ASSIGNEE), the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the above-identified application (e.g., provisional or non-provisional) and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue, reexamination, supplemental examination, inter partes review, post grant review, or other procedures thereof for the full term or terms for which the same may be granted.

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The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said ASSIGNEE to apply for patents therefore in its own name in countries where such procedure is proper and to claim the priority right under the International Convention and agrees to execute all papers necessary in connection with applications for such patents and any continuation, divisional, substitute, reissue or reexamination, supplemental examination, inter partes review,

PATENT

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post grant review, or other procedures thereof and also execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

DECLARATION

As a below named inventor, I hereby declare that:

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

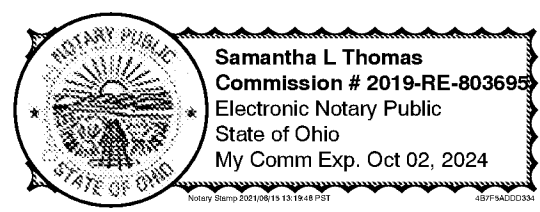
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby 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.

Signature:	<i>Daniel P Zula</i> <small>Signed on 2021/06/15 13:19:48 -000</small>	06/15/2021
Inventor:	Daniel P. Zula	DATE

On this 06/15/2021, before me, Samantha L Thomas, the undersigned Notary Public, personally appeared Daniel P. Zula ASSIGNOR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same. WITNESS my hand and official seal in Lorain County of Ohio on the date set forth in this certificate.

S Thomas
Signed on 2021/06/15 13:19:48 -000



DocuSign Envelope ID: 430C4432-EE82-662E-A099-0E21981 ... 102100215 13:06:05 -000 ... Remote Notary



Declaration-Assignment-HAYES.pdf

DocVerify ID: D4ABA7CE-8E9B-4775-B8E5-085510BC3995
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E-Signature Summary

E-Signature 1: Thomas Hayes (TH)

June 11, 2021 07:08:55 -8:00 [EFF2B155D6EB] [104.182.141.80]
 thomas.hayes@bendix.com (Principal) (Personally Known)

E-Signature Notary: Samantha L Thomas (slt)

June 11, 2021 07:08:55 -8:00 [2A258F2988AD] [174.104.255.61]
 samantha.thomas@bendix.com
 I, Samantha L Thomas, did witness the participants named above electronically sign this document.



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The ASSIGNOR sells, assigns and transfers to said ASSIGNEE the entire and exclusive right, title and interest to the application(s) and the invention(s) disclosed therein for the United States of America and all countries foreign to the United States and do hereby authorize said

PATENT

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