## 505651544 09/03/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRIAN SCHOOLCRAFT	08/26/2016
DAVID E. EARHART	08/29/2016
ERIC S. TRYON	08/26/2016

### **RECEIVING PARTY DATA**

Name:	ALLISON TRANSMISSION, INC.
Street Address:	ONE ALLISON WAY
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46222

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16558689

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: AT-P16001-US-DIV-02	
NAME OF SUBMITTER:	CORY DANIEL PARKS
SIGNATURE:	/Cory Daniel Parks/
DATE SIGNED:	09/03/2019

## **Total Attachments: 4**

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PATENT 505651544 REEL: 050248 FRAME: 0456

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned.

Name(s)

of Inventors

Brian Schoolcraft David E. Earhart Eric S. Tryon

inventor(s) of inventions which are the subject of two Letters Patents of the United States and an application for Letters Patent of the United States (collectively "Patent Rights") entitled:

Title of Patents/Applications	MULTI-SPEED PLANETARY TRANSMISSION
Patent/Application Information	for which an application for a United States Patent was filed on September 28, 2016 as Application Serial Number 62/400,691; and
Name of	the undersigned hereby sell(s), assign(s), and set(s) over to:
Assignee	Allison Transmission, Inc.
Address of	One Allison Way
principal place of business	Indianapolis, Indiana 46222
Insert State and	
Country of a corporatio	n of <u>Delaware</u>

(hereinafter designated as the Assignes) their entire right, title and interest in, to and under the Patent Rights, including all priority rights for the United States and any other countries arising therefrom, including but not limited to all countries available through the Patent Cooperation Treaty (PCT), all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, any divisional, continuation, continuation-in-part, or reissue applications corresponding to the Patent Rights or such Letters Patent, and any reexamination of the Patent Rights, and any foreign patents or patent applications corresponding thereto, all such inventions and all rights in such Patent Rights and Letters Patent to be held and enjoyed by Assignce for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Patent Rights in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Patent Rights or continuation, division, reissue or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such Interference or litigation.

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said Patent Rights or any division or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at this 244 day of \_\_\_\_\_\_\_\_, 2016.

Inventor 1:

Full Name: Address:

Brian Schoolcraft 4882 N Chosin Few Ln

Crawfordsville IN 47933

Citizenship:

United States

Inventor 1 (Signature)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and

Notarial Seal this 267 day of Quase , 2016.

My Commission Expires: 09-2/-2017 Notary Public Share Survey August Manual Printed Name Survey August Manual Printed Name Survey Public Comm # 811336 NOTARY SEAL PROPERTY OF THE PROPERTY OF

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IN WITNESS WHEREOF, I have execute of August 29 , 2016.	d this assignment	at this day
	Inventor 2: Full Name: Address: Citizenship:	David E. Earhart 245 Mill Springs Coatesville IN 46121 United States
	Inventor 2 (Sign	Declaration of the contract of
STATE OF Adiata) SS: COUNTY OF Masser		
Acknowledged before me, a Notary Public Notarial Seal this <u>29</u> day of <u>Cuguot</u>		id County and State. Witness my hand and
My Commission Expires: <u>09-31-2017</u> Resident of <u>10hnScx</u> County.	Notary Public	Charles I was the standard of the
		SANTA LAND COMMENTAL PROPERTY OF THE COMMENT OF THE

IN WITNESS WHEREOF, I have execute of Amarical 2016.	d this assignment	at this <u>Al</u> day
	Inventor 3: Full Name: Address: Citizenship:	Eric S. Tryon 9930 Southwind Circle Indianapolis IN 46256 United States
	Inventor 3 (Sig	gnature)
STATE OF JANUARY )SS: COUNTY OF Manay		
Acknowledged before me, a Notary Public Notarial Seal this 24 day of Queunt		aid County and State. Witness my hand and
My Commission Expires: <u>09-21-201</u> ) Resident of <u>Janson</u> County.	Notary Public Printed Name	Sherry Lynn Lypineth Commission & Commission
		TO STATE OF INDIVIDUAL AND

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**RECORDED: 09/03/2019** 

PATENT REEL: 050248 FRAME: 0460