PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS S. BURCHETT	02/28/2018
RICK PLATT	02/28/2018

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:	16287398

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AT-P17008-US-ORD
NAME OF SUBMITTER:	CORY DANIEL PARKS
SIGNATURE:	/Cory Daniel Parks/
DATE SIGNED:	02/28/2019

Total Attachments: 3

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PATENT 505350328 REEL: 048461 FRAME: 0476

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

Douglas Burchett

Rick Platt

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

Title of		
Patents/Applications	STRAIGHT-SIDED RADIAL FLANK ARCHITECTURE	
Patent/Application	for which an application for a United States Patent was filed on	
Information	as Application Serial Number; and	
	the undersigned hereby sell(s), assign(s), and set(s) over to:	
Name of		
Assignee	Allison Transmission, Inc.	
Address of	One Allison Way	
principal		
place of	Indianapolis, Indiana 46222	
business		
Insert State and		
Country of a corporation	n of Delaware	
Incorporation		

(hereinafter designated as the Assignee) 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 Assignee 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.

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.

US.116641769.01

PATENT REEL: 048461 FRAME: 0477

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 26 day of FEBRUARY , 2018.

Inventor 1:

Full Name: Address:

Douglas Burchett 1468 Whitehorse Lane

Martinsville, Indiana 46151

Citizenship:

United States of America

COUNTY OF MAN

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

Notarial Scal this 28 m day of Phruany, 2018.

My Commission Expires: 09-21-2025 Notary Public

Resident of thurs County. Printed Name

SHERRY LYNN LUPINETTI Notary Public - Seal Johnson County - State of Indiana Commission Number 703403 My Cammission Expires Sep 21, 2025 IN WITNESS WHEREOF, I have executed this assignment at this <u>28</u> day of <u>FERRUARY</u>, 2018.

Inventor 2:

Full Name:

Rick Platt

Address:

5345 Deer Creek Drive

Indianapolis, IN 46254

Citizenship:

United States of America

Inventor 2 (Signature)

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 38 th day of Fibruary, 2018.

My Commission Expires: <u>09-2/-20</u>25

Notary Public Sherry Lynn Lynn Lynn Eti

Resident of Owhn SAN County.

SHERRY LYNN LUPINETTI Notary Public - Seal Johnson County - State of Indiana Commission Number 703403

My Commission Expires Sep 21, 2025

PATENT REEL: 048461 FRAME: 0479

RECORDED: 02/28/2019