PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN SCHOOLCRAFT	10/21/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13209902
Application Number:	14987403

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	46582-245550
NAME OF SUBMITTER:	GLEN M. KELLETT
SIGNATURE:	/GLEN M. KELLETT/
DATE SIGNED:	02/27/2019

Total Attachments: 2

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PATENT 505348209 REEL: 048449 FRAME: 0443

PROVISIONAL/PCT PATENT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.:	46582-210390
Client Reference No.:	ATP-0051-USP

PATENT ASSIGNMENT

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

Brian Schoolcraft

of Inventor(s)	Brian Schoolcraft	
Check applicable boxes and enter serial	maker(s) of an invention which is the subject of a United States Provisional Patent Application identified as Serial No. 61/374,048 with a filing date of August 27,2010 and/or	
number and date if available	a PCT International Application, entitled	
Title of	GEAR SCHEME FOR INFINITELY VARIABLE TRANSMISSION	
Application	hereinafter (the "Application(s)")	
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of	Allison Transmission, Inc.	
Assignee		
Address of principal	4700 West 10 th Street	
place of business	Indianapolis, IN 46222	
Insert State of Incorporation	a corporation of <u>Delaware</u>	
(if applicable) or "Not Applicable"		

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) 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 Application(s) in the United States and counterpart applications in 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 Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) 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.

PROVISIONAL/PCT PATENT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: Client Reference No.: 46582-210390 ATP-0051-USP

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 or following from said Application(s) or any division or divisions 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 assignt	ment at /ND/AWAPOUS, /N
this ZIST day of OCTOBOL	(city and state or country if outside USA)
	7-1
Outside the USA: Witnesses are Witness	Inventor (Signature)
required when acknowledgment	
before a Notary	Brian Schoolcraft
Public is not Witness feasible.	Inventor (Printed Name)
ACKNO	WLEDGMENT
STATE OF INDIANA }	
COUNTY OF MANLOW }	
Acknowledged before me, a Notary Public, within and this 2157 day of OCTOBOL	for said County and State. Witness my hand and Notarial Seal 20/0
Notary Public Seal	fle Day
X State of Indiana	Notary Public
Keith R. Donnelly Resident of Hamilton Co. My Commission Expires July 31, 2016	KCIPH R. DOWNELLY Printed Name
My Commission Expires: 31 占ルリ 2016	Resident of HAMILTON County

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RECORDED: 02/27/2019

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