

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL FOSTER	04/17/2015
BRIAN SCHOOLCRAFT	04/17/2015
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:	15841399
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	ALL33-40178
NAME OF SUBMITTER:	PATRICE DAY
SIGNATURE:	/Patrice Day/
DATE SIGNED:	12/14/2017
Total Attachments: 4	
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DECLARATION AND ASSIGNMENT

1. **Declaration** As the below named declarant-inventor(s) ("declarant" or "inventor"), each declarant-inventor who signs below hereby declares that: (1) the application identified below was made or was authorized to be made by each declarant, (2) the declarant believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application, (3) the declarant hereby acknowledges that any willful false statement made in this declaration of inventorship or document is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both, (4) the declarant states that he or she has reviewed and understand the contents of the above identified application, including the claims, and (5) the declarant acknowledges that he or she is aware of the duty to disclose information (e.g., any prior art or publication) which is material to patentability as defined in 37 CFR § 1.56.

2. **Assignment** Subject to an obligation to assign the invention to:

Allison Transmission, Inc. ("Assignee"), a(n) Delaware Corporation,

the below named declarant-inventor(s) own(s) the entire right title and interest to the invention ("the Invention") which is the subject of a United States patent application ("the Application") entitled:

Title: MULTIPLE SPEED TRANSMISSION

Application No.: _____ Filed: _____

which each declarant-inventor has executed on the date indicated below next to each inventor's name.

Pursuant to an agreement between each declarant-inventor and Assignee or other legal obligation supported by good and valuable consideration, the receipt of which is acknowledged by each inventor, each declarant-inventor (individually and collectively "Assignor"), agrees to assign, and hereby assigns to Assignee all title, right and interest in the Invention and Application, including the assigned rights as more fully set forth herein. If any inventor has previously assigned the same Invention or same Application to Assignee, instead of merely assigning all title, rights, and interest to Assignee; the Assignor acknowledges that all title, right and interest in the Invention and Application was previously assigned to Assignee and hereby assigns, without any reservation, any remaining rights in or to the Invention and Application that the Assignor may hold for whatever reason.

The assigned rights include, but are not limited to, all worldwide rights to file any United States patent applications, international patent applications, and any foreign patent applications, utility patent applications, design patent applications, copyrights, plant patent applications, utility model applications, or similar industrial property rights for the Invention described in the name of each inventor or in the name of the Assignee, as well as any right of priority to any patent or application of the United States or any other country or jurisdiction based on the Invention. The assigned rights include the right for the Assignee, or its legal representatives, to file any continuing, continuation, continuation-in-part, divisional, reissue, extension, or reexaminations of the Application or Invention, or any U.S., international, or foreign applications that claim priority based on the Application. These assigned rights are to be held and enjoyed by the Assignee, its successors or assigns, as fully and entirely as the same would have been held and enjoyed by each inventor had this assignment not been made.

The Invention and Application shall be deemed the sole and exclusive property of Assignee and each inventor agrees to execute any and all documents which Assignee, its successors or assigns, deem necessary to transfer, acknowledge, or assign such rights in or to the Invention and Application to Assignee, its successors, or assigns. Each inventor agrees to execute all documents which Assignee, its successors or assigns deem expedient in connection with the Application and any continuing, continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international or foreign applications on a worldwide basis concerning the Invention or that claim priority based on the Application or Invention; and any renewal, revival or substitute of any of the foregoing applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the any of the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. Each inventor agrees to cooperate with Assignee, its successors or assigns in every proper way possible to obtain, defend and assert one or more patent(s) based on: the Application and any continuing, continuation, continuation-in-part, divisional, reissue, reexamination or other domestic, international, or foreign applications concerning the Invention; any renewal, revival, or substitute of any domestic or foreign applications, any derivation proceedings relating to any of the foregoing applications; and, as to patents granted on the foregoing applications, any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof. During or after any employment by Assignee, each inventor agrees, at no cost to Assignee, to execute any and all documents which Assignee, its successors, or assigns, deem necessary to obtain, maintain and/or enforce its rights in such

Invention or Application including, but not limited to, any related patent applications which Assignee elects to file in all countries in the world and to fully cooperate with Assignee in the obtaining, maintaining and enforcement of any intellectual property protection sought or obtained for such inventions including providing any testimony required to obtain, maintain and/or enforce such rights. Each inventor hereby authorizes any patent office in the world to issue any letters patent based on the assigned rights to the Assignee. Each inventor hereby covenants that he or she has not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment. Each inventor grants the legal representative of Assignee, its successors and assigns, the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

[Handwritten Signature]

Brian Schoolcraft

4/17/15

Date Signed

Indianapolis

City

IN

State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:

Non-inventor witness printed name

Witness signature

Date

Non-inventor witness printed name

Witness signature

Date

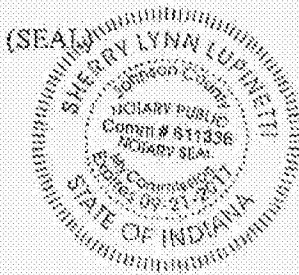
State of Indiana)

County of Martin)

Sworn to before me this 17th day of April, 2015

[Handwritten Signature: Sherry Lynn Lupsett]

Notary Public



Each declarant-inventor declares and agrees to all provisions of this Declaration and Assignment by signing below:

Michael Foster 4/17/2015 Carmel IN
Michael Foster Date Signed City State

The signing of the Declaration and Assignment by the above declarant-inventor is witnessed or notarized as set forth below:

Non-inventor witness printed name Witness signature Date

Non-inventor witness printed name Witness signature Date

State of Indiana)
County of Marion)

Sworn to before me this 17th day of April, 2015.

Sherilyn Lupatella
Notary Public

