

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5673946

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARTHUR L. MCGREW JR.	07/31/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALLISON TRANSMISSION, INC.
<b>Street Address:</b>	ONE ALLISON WAY
<b>City:</b>	INDIANAPOLIS
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	46222
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16510004
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(317)637-7561
<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>	
<b>Phone:</b>	(317)634-3456
<b>Email:</b>	cps@uspatent.com
<b>Correspondent Name:</b>	CHARLES P. SCHMAL
<b>Address Line 1:</b>	WOODARD, EMHARDT, HENRY, REEVES & WAGNER, LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	009199-000815
<b>NAME OF SUBMITTER:</b>	CHARLES P. SCHMAL
<b>SIGNATURE:</b>	/Charles P. Schmal #45,082/
<b>DATE SIGNED:</b>	08/19/2019
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

### 1. DEFINITIONS

- 1.1 **ASSIGNOR** means the one or more parties identified in the assignor signature section at the bottom of this assignment.
- 1.2 **ASSIGNEE** means Allison Transmission, Inc., a corporation of Delaware having a principal place of business at One Allison Way, Indianapolis, IN 46222 as well as its successors and/or assigns.
- 1.3 **PATENT APPLICATION** means International Patent Cooperation Treaty (PCT) or United States Patent Application Number 16/510,004 which was filed on July 24, 2019, with the title of MULTIPLE MOTOR MULTIPLE SPEED CONTINUOUS POWER TRANSMISSION.
- 1.4 **INVENTION** means concepts, ideas, discoveries, solutions to problems, improvements, processes, machines, articles of manufacture, and/or anything else which is disclosed, claimed, illustrated, and/or otherwise described in the PATENT APPLICATION and/or any invention disclosure material associated with the PATENT APPLICATION.
- 1.5 **RELATED PATENT CASES** includes, and is not limited to, any and all patent applications, patents, and/or patent proceedings:
- a. disclosing, illustrating, claiming, and/or otherwise describing the INVENTION, such as (but not limited to) statutory invention registrations, petty, provisional, non-provisional, utility, plant, design, and/or international applications;
  - b. claiming directly or indirectly priority to and/or from the PATENT APPLICATION, under domestic laws, the Paris Convention, PCT, and/or otherwise, such as (but not limited to) divisional, continuation, continuation-in-part, substitute, international, national phase, and/or regional phase applications; and/or
  - c. subject to, part of, resulting from, and/or otherwise associated with any and all pre-grant, post grant, and/or other patent related proceedings either directly or indirectly related to the INVENTION and/or the PATENT APPLICATION, such as (but not limited to) opposition, protest, reissue, extensions, reexamination, interference, and/or cancellation proceedings.
- 1.6 **RELATED INTELLECTUAL PROPERTY** includes, but is not limited to, copyrights, trademarks, service marks, trade dress, good will, trade secrets, mask works, and know-how developed and/or related to the INVENTION, PATENT APPLICATION, and/or RELATED PATENT CASES.
- 1.7 **TRANSFERRED RIGHTS** includes, but is not limited to, any and all rights, title, and/or interests assigned or otherwise transferred in this assignment.
- 1.8 **GEOGRAPHIC SCOPE** means worldwide including, but not limited to, member nations of the PCT and non-member nations of the PCT as well as their territories.
- 1.9 **EFFECTIVE DATE** means the earlier of the conception date of the INVENTION, the filing date of the PATENT APPLICATION, the filing date of the RELATED PATENT CASES, and/or the date of this assignment is first signed by at least one of the parties.

### 2. ASSIGNMENT OF RIGHTS

- 2.1 **Consideration.** The ASSIGNOR hereby acknowledges receipt of good, valuable, and sufficient consideration from the ASSIGNEE for this assignment.
- 2.2 **Intellectual Property.** The ASSIGNOR hereby assigns to the ASSIGNEE all rights, title, and interest in and/or to the INVENTION, PATENT APPLICATION, RELATED PATENT CASES, and RELATED INTELLECTUAL PROPERTY.
- 2.3 **Future Improvements.** The ASSIGNOR hereby assigns, and agrees this assignment hereby automatically assigns in the future, to the ASSIGNEE all right, title, and interest in future improvements in and/or to the INVENTION, PATENT APPLICATION, RELATED PATENT CASES, and RELATED INTELLECTUAL PROPERTY.
- 2.4 **Right to Claim Priority.** The ASSIGNOR hereby assigns to the ASSIGNEE all right, title, and interest to claim priority to and/or from the PATENT APPLICATION and the RELATED PATENT CASES.
- 2.5 **Infringement and Misappropriation.** The ASSIGNOR hereby assigns to the ASSIGNEE all past, present and future causes of action for infringement and/or misappropriation of the INVENTION, PATENT APPLICATION, RELATED PATENT CASES and/or RELATED INTELLECTUAL PROPERTY, whether the infringement and/or misappropriation is committed and/or the cause of action comes into existence before, during, or after the EFFECTIVE DATE.

2.6 Remedies. The ASSIGNOR hereby assigns to the ASSIGNEE all past, present and future remedies for infringement and/or misappropriation, including damages, royalties, and profits.

2.7 Scope. All assignments and/or other transfers of rights and/or title, both legal and equitable, made herein are to the full extent of the GEOGRAPHIC SCOPE such that no right, title, and interest remain with the ASSIGNOR.

### **3. FUTURE PERFORMANCE**

3.1 Communicate Information. The ASSIGNOR hereby agrees to and will communicate all facts and/or information known to the ASSIGNOR with respect to the TRANSFERRED RIGHTS to the ASSIGNEE and/or its legal representatives.

3.2 Sign Documents. The ASSIGNOR hereby agrees to and will sign and return any and all documents that ASSIGNEE desired to be signed that are directly or indirectly related to the TRANSFERRED RIGHTS. These documents can include, but are not limited to, assignments, oaths, declarations, affidavits, and powers of attorney.

3.3 Legal Proceedings. The ASSIGNOR hereby agrees to and will truthfully testify and/or participate in any legal and/or quasi-legal proceedings regarding any facts and/or information known to the ASSIGNOR related to the TRANSFERRED RIGHTS at the request of the ASSIGNEE and/or its legal representatives.

3.4 Generally Protect Assignee's Rights. The ASSIGNOR hereby agrees to and will do everything reasonable to help in securing, maintaining, and/or enforcing rights to the TRANSFERRED RIGHTS for the ASSIGNEE.

3.5 No Additional Consideration Required. The ASSIGNOR agrees to and will perform the acts mentioned herein without the requirement of any additional consideration.

### **4. ATTORNEY CLIENT PRIVILEGE**

4.1 Assignment of Attorney-Client Privilege. The ASSIGNOR hereby assigns to the ASSIGNEE all past, present and future rights and privileges related to any attorney-client privilege and/or work product of the ASSIGNOR in relation to the TRANSFERRED RIGHTS.

4.2 Prevent Waiver of Attorney-Client Privilege. The ASSIGNOR hereby agrees to not engage in any acts resulting in the intentional or unintentional waiver of the attorney client privilege, work product, and/or common interest without the express written authorization from the ASSIGNEE and/or its legal representatives.

4.3 Partial Waiver of Attorney-Client Privilege. The ASSIGNOR hereby agrees that any partial waiver of the attorney-client privilege and/or work product of the ASSIGNOR does not constitute total waiver.

### **5. COVENANTS AND WARRANTIES**

5.1 Authority to Convey. The ASSIGNOR hereby covenants and warrants that the ASSIGNOR has the full right and authority to convey the TRANSFERRED RIGHTS assigned by this assignment.

5.2 No Conflicts. The ASSIGNOR hereby covenants and warrants that the ASSIGNOR has not executed and will not execute any documents and/or perform any acts conflicting with this assignment.

### **6. MISCELLANEOUS**

6.1 Insert Application Number and Filing Date. If blank in part 1.3 of this assignment, the ASSIGNOR and ASSIGNEE hereby authorize and request the firm of Woodard, Emhardt, Henry, Reeves & Wagner, LLP, its successor in interest, or designee to insert the application number and/or filing date in part 1.3 of this assignment once known.

6.2 Issue Patent to Assignee. The ASSIGNOR hereby authorizes and requests that any and all patents based on the PATENT APPLICATION and/or RELATED PATENT CASES issue to the ASSIGNEE, its successors in interest, its assigns, and/or its legal representatives.

6.3 Severability. If any provision of this assignment is ruled invalid and/or unenforceable by a court, such decision shall not affect the validity and/or enforceability of the remaining provisions this assignment.

6.4 Choice of Law. This assignment shall be interpreted and controlled by the laws of the United States, and in particular in accordance with the laws of the State of Indiana, without reference to the conflict of law principles thereof. It is further understood that Assignor consents to the courts of Indiana in connection with any dispute arising under the assignment.

6.5 Effective Date. This assignment is hereby made effective as of the EFFECTIVE DATE.

ASSIGNOR(S) SIGNATURE(S)

Arthur L. McGrew Jr.  
7352 Noel Road  
Indianapolis, 46278  
United States

*Arthur L. McGrew Jr.*

7/31/2019  
Assignor Date

KERI J. MOORE  
Notary Public - State of Indiana  
Hamilton County  
My Commission Expires May 22, 2024

SUBSCRIBED and SWORN to before me by Arthur L. McGrew Jr.  
this 31 day of July, 2019, in the county of Hamilton  
in the State of Indiana  
Keri J. Moore  
Notary Public (Signature) (Printed Name)  
Resident of Hamilton County My Commission Expires 5/22/24

Isaac Mock  
509 South Sycamore Street  
Martinsville, IN 46151  
United States

Assignor Signature

Assignor Date

Notarial Stamp/Seal

SUBSCRIBED and SWORN to before me by Isaac Mock  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, in the county of \_\_\_\_\_  
in the State of \_\_\_\_\_  
\_\_\_\_\_  
Notary Public (Signature) (Printed Name)  
Resident of \_\_\_\_\_ County My Commission Expires \_\_\_\_\_

George S. Pelton  
5016 Watersite Circle  
Indianapolis, IN 46254  
United States

Assignor Signature

Assignor Date

Notarial Stamp/Seal

SUBSCRIBED and SWORN to before me by George S. Pelton  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, in the county of \_\_\_\_\_  
in the State of \_\_\_\_\_  
\_\_\_\_\_  
Notary Public (Signature) (Printed Name)  
Resident of \_\_\_\_\_ County My Commission Expires \_\_\_\_\_

James Allen Raszowski  
8617 Shoal Creek Lane  
Indianapolis, IN 46234  
United States

Assignor Signature

Assignor Date

Notarial Stamp/Seal

SUBSCRIBED and SWORN to before me by James Allen Raszowski  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, in the county of \_\_\_\_\_  
in the State of \_\_\_\_\_  
\_\_\_\_\_  
Notary Public (Signature) (Printed Name)  
Resident of \_\_\_\_\_ County My Commission Expires \_\_\_\_\_

ASSIGNOR(S) SIGNATURE(S)

John Andrew Byerly  
15110 Honors Circle  
Carmel, IN 46033  
United States

Assignor Signature

Assignor Date

Notarial Stamp Seal

SUBSCRIBED and SWORN to before me by John Andrew Byerly  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, in the county of \_\_\_\_\_  
in the State of \_\_\_\_\_

Notary Public (Signature)

(Printed Name)

Resident of \_\_\_\_\_ County

My Commission Expires \_\_\_\_\_

John L. Saler  
589 Zephyr Way  
Westfield, IN 46074  
United States

Assignor Signature

Assignor Date

Notarial Stamp Seal

SUBSCRIBED and SWORN to before me by Saler, John L.  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, in the county of \_\_\_\_\_  
in the State of \_\_\_\_\_

Notary Public (Signature)

(Printed Name)

Resident of \_\_\_\_\_ County

My Commission Expires \_\_\_\_\_

**Assignee:**

Assignee hereby accepts the sale, transfer, and assignment of the TRANSFERRED RIGHTS.

Assignee Signature \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: Allison Transmission, Inc.

Date: \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_