PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Charles F. Long	03/12/2010

RECEIVING PARTY DATA

Name:	Allison Transmission, Inc.	
Street Address:	4700 West 10th Street	
City:	Indianapolis	
State/Country:	INDIANA	
Postal Code:	46222	

PROPERTY NUMBERS Total: 2

Property Type	Property Type Number	
Application Number:	61045141	
Application Number:	12400907	

CORRESPONDENCE DATA

Fax Number: (317)231-7433

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: 46582-205007 & 208042

NAME OF SUBMITTER: Ch

Total Attachments: 2

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PATENT REEL: 024073 FRAME: 0350

Attorney Docket No.:	<u>46582-205007</u>
Client Reference No.:	ATP-0017-USP

Attorney Docket No.: 46582-208042
Client Reference No.: ATP-0017-USU

PATENT ASSIGNMENT

	For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,	
Name(s)	Charles F. Long	
of Inventor(s)		
	maker(s) of an invention which is the subject of an application(s) for Letters Patent of the United St ("Application") entitled	ate
Title of	CONTROL FOR TORQUE CONVERTER HAVING MULTIPLE SELECTIVELY	
Application	ENGAGEABLE CONVERTER COUPLERS	
Serial No.:	61/045,141	
Filing Date:	April 15, 2008	
and		
Serial No.:	12/400,907	
Filing Date:	March 10, 2009	
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	Allison Transmission, Inc.	
Address of	4700 West 10 th Street	
principal place of	Indianapolis, IN 46222	
business		
Insert State of Incorporation	a corporation of Delaware	
(if applicable) or		

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for 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, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application 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 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

ASSIGNMENT TO BUSINESS CONCERN

RECORDED: 03/12/2010

Attorney Docket No.: 46582-205007 Client Reference No.: ____

Attorney Docket No.: <u>46582-208042</u>
Client Reference No.: <u>ATP-0017-USU</u> Client Reference No.: ___

litigation concerning the application(s) 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.

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 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 ass	ignment at NDIAMAPOUS, IN	
this 12 ^M day of MANCH	(city and state or country if outside USA)	
	1 / F for	
Outside the USA:	Marle 1 00 mg	
Witnesses are Witness	Inventor (Signature)	
required when		
acknowledgment before a Notary	Charles F. Long	
Public is not Witness	Inventor (Printed Name)	
feasible.		
ACKNOWLEDGMENT		
STATE OF /ND/ANA } } SS:		
COUNTY OF MARION }		
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this		
Notary Public Seal State of Indiana Keith R. Donnelly Resident of Hamilton Co. My Commission Expires July 31, 2016	Notary Public KE/TH R. DONNELLY	
My Commission Expires: 31 JULY 2816	Printed Name Resident of HAMILTON County	

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PATENT

REEL: 024073 FRAME: 0352