10-03-06

Form PTO-1595 (Rev. 06/04) ONB No. 0551-0027 (exp. 6/30/2005)

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,	ONB No. 0651-0027 (exp. 6/30/2005)	3000	United States Patent and Trademark Office		
	OMB No. 0651-0027 (exp. 6/30/2005) 10 - 10 - 2	2006	ET		
10			HDP Docket No. 6978-000298/US/02 Express Mail Label No. EV 757 778 030 US		
	To the Director of the U.S. Patent: 1033190	nn1	documents or the new address(es) below.		
(	Name of conveying party(ies)/Execution Date(s):     Todd Ekonen	Name and address of receiving party(ies)     Name: Magna Powertrain USA, Inc.			
$\widetilde{\mathcal{D}}$	Philip J. Francis				
0.7.0		Internal Address:			
101.	Execution Date(s) 09/25/06 Additional name of conveying party(ies) attached? ☐ Yes ☑ No	Street Address: 1775 Research Drive			
	3. Nature of conveyance:				
	⊠ Assignment				
	☐ Security Agreement ☐ Change of Name	City: Troy			
	☐ Government Interest Assignment	State: MI			
	☐ Executive Order 9424, Confirmatory License	Country: USA	Zip <u>: 48083</u>		
	☐ Other	Additional Name(	s) & address(es) attached?   Yes   No		
	4. Application number(s) or patent number(s):	This document is being filed together with a new application.			
	A. Patent Application No.(s) 11/518,607	B. Patent f	No.(s)		
	0006 DBYRHE 00000149 080750 11518607				
FC: 40.00 BA Additional numbers attached? ☐ Yes ☒ No					
	7 5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number	of applications and patents involved: 1		
	Name: Philip E. Rettig	7. Total fee (37 C	FR 1.21(h) & 3.41) \$ 40.00		
	Internal Address: <u>Harness, Dickey &amp; Pierce, P.L.C.</u>	☐ Authorize	d to be charged by credit card		
			d to be charged to deposit account		
	Street Address: P.O. Box 828	☐ Enclosed			
	Oit or Discount state this	☐ None req	uired (government interest not affecting title)		
	City: Bloomfield Hills	8. Payment Infor	mation		
	State: MI Zip: <u>48303</u>	a. Credit			
	Phone Number : 248-641-1600	Expiration Date			
	Fax Number: <u>248-641-0270</u>	b. Deposit Account Number <u>08-0750</u> Authorized User Name			
	Email Address: perettig@hdp.com				
	9. Signature :		October 2, 2006		

Total number of pages including cover sheet, attachments, and documents Name of Person Signing

Signature

Philip E. Rettig

Date

## **ASSIGNMENT**

Atty. Docket No. 6978-000298/US/02

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

## TORQUE COUPLING WITH ACTUATOR SYSTEM FOR ADAPTIVE CLUTCH AND DISCONNECTABLE LUBRICATION PUMP

which is the subject of a United States or International application for patent

patent application; and

executed on even date preparatory to filing (each inventor should sign this (a) Assignment on the same day as he/she signs the Declaration and Power of Attorney); (b) executed on \_\_\_\_\_, \_\_\_\_\_; filed on 09/08/06, and assigned Serial No. 11/518,607 or PCT International  $\boxtimes$ (c) Application No. \_\_\_\_; U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_, and (d) presently assigned as evidenced at Reel \_\_\_\_\_, Frame \_\_\_\_; or  $\Box$ (e) entitled above and naming the undersigned inventors in this provisional

Magna Powertrain USA, Inc., hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. \_\_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Page 1 of 3

**ASSIGNMENT** 

First Inventor or Assignor

Todd Ekonen

9-25-06

Dated

First Witness

Second Witness

Page 2 of 3

**ASSIGNMENT** First Witness

Alky 9ks/s6

Second Join Inventor or Assignor Philip J. Francis

 $\frac{25}{\text{Dated}}$  Sep 06

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		Application Number	11/518,607					
TRANSMITTAL		Filing Date	09/08/06					
FORM		First Named Inventor	Todd Ekonen					
(to be used for all correspondence after init	tial filing)	Group Art Unit	3681					
		Examiner Name	Not Yet Assigned					
Total Number of Pages in This Submission	6	Attorney Docket Number	6978-000298/US/02					
ENCLOSURES (check all that apply)								
Assignment Recordal Form  Assign (for an		ment Papers Application)	After Allowance Communication to Group					
Fee Attached	Drawing(s)		Appeal Communication to Board of Appeals and Interferences					
Amendment / Response		ng-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)					
After Final	Petition		Proprietary Information					
Affidavits/declaration(s)	Petition to Convert to a Provisional Application		Status Letter					
Extension of Time Request		of Attorney, Revocation e of Correspondence Address	Other Enclosure(s) (please identify below):					
	Terminal Disclaimer		return receipt postcard					
Express Abandonment Request	Request for Refund							
☐ Information Disclosure Statement	CD, Number of CD(s)							
Certified Copy of Priority Document(s)	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.							
Response to Missing Parts/ Incomplete Application			į					
Response to Missing Parts under 37 CFR 1.52 or 1.53			•					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT								
Firm or Harness, Dickey & Pier Individual name		Pierce, P.L.C. Attorney Name Philip E. Rettig Reg. No. 34,000						
Signature	$\sim$							
Date October 2, 2006								
CERTIFICATE OF MAILING/TRANSMISSION								
I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.								
Typed or printed name Philip E. Rettig		E	press Mail EV 757 778 030 US (10/2/2006)					
Signature			Date October 2, 2006\					
FV 757 778 030 US								

PATENT REEL: 018374 FRAME: 0442

**RECORDED: 10/02/2006**