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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Norman Schoenek	09/30/2008
Shawn H. Swales	09/30/2008
Joel M. Maguire	09/30/2008
Alan G. Holmes	09/30/2008

RECEIVING PARTY DATA

Name:	GM Global Technology Operations, Inc.
Street Address:	P.O. Box 300
Internal Address:	Mail Code 482-C23-B21
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Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12245815

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P004089-PTH-RRM / GM1564
NAME OF SUBMITTER:	Christopher W. Quinn

PATENT REEL: 021635 FRAME: 0446

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\$40.00 \$40.00

CH \$4

Total Attachments: 1

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PATENT REEL: 021635 FRAME: 0447

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P004089-PTH-RRM entitled

HYBRID TRANSMISSION WITH DISCONNECT CLUTCH AND METHOD OF STARTING AN ENGINE USING SAME

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney RAVI R. MATHURA to insert the application number and filing date of said application here in parentheses (10) 245, 815 filed 00-00 - 2008) when known.

7	2	
Inventor's signature	Schurch	Date 30 September 2008
Full name:	NORMAN SCHOENEK	Declaration dated:
Residence:	NOVI, MICHIGAN	30 SEPTEMBER 2008
Inventor's signature	ReSu_	Date_50 SEPTEMISER ZOOF
Full name:	SHAWN H SWALES	Declaration dated:
Residence:	CANTON, MICHIGAN	30 SEPTEMBER 2008
Inventor's signature Full name: Residence:	JOHUM. MAGUIRE NORTHVILLE, MICHIGAN	Date $\frac{9/30/06}{}$ Declaration dated: $\frac{9/30/08}{}$
Inventor's signature	Olan 9. Holmes	Date 30 Sep 2008
Full name:	ALAN G. HOLMES	Declaration dated:
Residence:	CLARKSTON, MICHIGAN "	<u>30 546 2008</u>

PATENT REEL: 021635 FRAME: 0448

RECORDED: 10/06/2008