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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CASIE M. BOCKENSTETTE	07/15/2013
EUGENE V. GONZE	07/08/2013
WILLIAM C. SAINDON	07/15/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13944134

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NAME OF SUBMITTER:	Michelle A. Adams
Signature:	/Michelle A. Adams/
Date:	08/15/2013

Total Attachments: 1

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PATENT REEL: 031014 FRAME: 0613

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P024801-PTUS-CD entitled

COOLANT CONTROL SYSTEMS AND METHODS FOR TRANSMISSION TEMPERATURE REGULATION

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74175 to insert the application number and filing date of said application here in parentheses (13/944134 filed 7-17-2013) when known. If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows: Filod US Provisional Serial No. 14-JUN-2013 61/835118

Inventor's signature ('asi A Bokush III Date 15-TULY-2013 CASIE M. BOCKENSTETTE Full name: CLARKSTON, MICHIGAN Residence: _7-8-803 Inventor's signature EUGENE V. GONZE Full name: PINCKNEY, MICHIGAN Residence: Date 15- July-2013 Inventor's signature / WILLIAM C. SAINDON

GOODRICH, MICHIGAN

PATENT REEL: 031014 FRAME: 0614

RECORDED: 08/15/2013

Full name:

Residence: