

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark D. NEMESH	01/28/2011
Wissam IBRI	01/28/2011
RECEIVING PARTY DATA	
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
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Postal Code:	48265-3000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13017994
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ATTORNEY DOCKET NUMBER:	P014422-GMVE-LCH 003.0822
NAME OF SUBMITTER:	Seth E. Rodack
Total Attachments: 1 source=Assignment-P014422#page 1.tif	

CH \$40.00 13017994

Customer No. 70422
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ASSIGNMENT

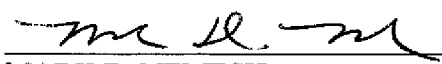
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P014422-GMVE-LCH (003.0822) entitled:

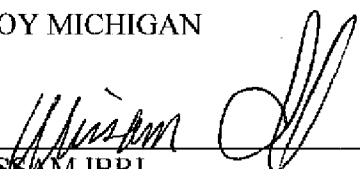
COOLING ARRANGEMENT FOR A COMPONENT IN A VEHICLE

for which application for Letters Patent of the United States:

- has been executed on even date herewith;
- executed on _____;
- was filed on January 31, 2011 and assigned U.S. Serial No. 13/017,994;

ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS LLC, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Inventor's signature  Date 1/28/2011
 Full name : MARK D. NEMESH
 Residence : TROY MICHIGAN

Inventor's signature  Date 1/28/2011
 Full name : WISSAM IBRI
 Residence : STERLING HEIGHTS, MICHIGAN