

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Alan L. Browne</td><td>12/17/2009</td></tr> <tr><td>Marten Wittorf</td><td>12/17/2009</td></tr> <tr><td>Nancy L. Johnson</td><td>12/21/2009</td></tr> <tr><td>Patrick B. Usoro</td><td>01/04/2010</td></tr> <tr><td>Paul W. Alexander</td><td>01/04/2010</td></tr> <tr><td>Xiujie Gao</td><td>12/17/2009</td></tr> </tbody> </table>		Name	Execution Date	Alan L. Browne	12/17/2009	Marten Wittorf	12/17/2009	Nancy L. Johnson	12/21/2009	Patrick B. Usoro	01/04/2010	Paul W. Alexander	01/04/2010	Xiujie Gao	12/17/2009
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<b>RECEIVING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><b>Name:</b></td><td>GM Global Technology Operations, Inc.</td></tr> <tr><td><b>Street Address:</b></td><td>P.O. Box 300</td></tr> <tr><td><b>Internal Address:</b></td><td>Mail Code 482-C23-B21</td></tr> <tr><td><b>City:</b></td><td>Detroit</td></tr> <tr><td><b>State/Country:</b></td><td>MICHIGAN</td></tr> <tr><td><b>Postal Code:</b></td><td>48265-3000</td></tr> </table>		<b>Name:</b>	GM Global Technology Operations, Inc.	<b>Street Address:</b>	P.O. Box 300	<b>Internal Address:</b>	Mail Code 482-C23-B21	<b>City:</b>	Detroit	<b>State/Country:</b>	MICHIGAN	<b>Postal Code:</b>	48265-3000		
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<b>PROPERTY NUMBERS Total: 1</b>															
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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (248)380-8968  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-380-9300        Email: mjb@quinnlawgroup.com        Correspondent Name: Quinn Law Group        Address Line 1: 39555 Orchard Hill Pl., Ste 520        Address Line 4: Novi, MICHIGAN 48375</p>															
<b>ATTORNEY DOCKET NUMBER:</b>	P008901-RD-MJL														

CH \$40.00 12639527

**501066724**

**PATENT**  
**REEL: 023794 FRAME: 0107**

NAME OF SUBMITTER:

Christopher W. Quinn

Total Attachments: 3

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### 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 P008901-RD-MJL entitled

### HEAT TRANSPORT SYSTEM AND METHOD

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize practitioners associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (12/639,527 filed 16-DEC-2009) when known.

Inventor's signature Alan L. Browne Date 12/17/2009

Full name : ALAN L. BROWNE

Declaration dated :

Residence : GROSSE POINTE, MICHIGAN

12/17/2009

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Full name : MARTEN WITTORF

Declaration dated :

Residence : INGELHEIM, GERMANY

\_\_\_\_\_

Inventor's signature Nancy L. Johnson

Date 12/21/09

Full name : NANCY L. JOHNSON

Declaration dated :

Residence : NORTHVILLE, MICHIGAN

12/21/09

Inventor's signature Patrick B. Usoro

Date 1/4/10

Full name : PATRICK B. USORO

Declaration dated :

Residence : TROY, MICHIGAN

1/4/10

Customer No. 72823  
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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : ALAN L. BROWNE

Declaration dated : \_\_\_\_\_

Residence : GROSSE POINTE, MICHIGAN

Inventor's signature \_\_\_\_\_

Date 17.12.08

Full name : MARTEN WITTORF

Declaration dated : \_\_\_\_\_

Residence : INGELHEIM, GERMANY

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Full name : NANCY L. JOHNSON

Declaration dated : \_\_\_\_\_

Residence : NORTHVILLE, MICHIGAN

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Full name : PATRICK B. USORO

Declaration dated : \_\_\_\_\_

Residence : TROY, MICHIGAN

\_\_\_\_\_

Customer No. 72823

P008901-RD-MJL

Inventor's signature

Paul W. Alexander

Date 01/04/2010

Full name :

PAUL W. ALEXANDER

Declaration dated :

Residence :

YPSILANTI, MICHIGAN

01/04/2010

Inventor's signature

Xiujie Gao

Date

12/17/2009

Full name :

XIUJIE GAO

Declaration dated :

Residence :

TROY, MICHIGAN

12/17/2009

PATENT

RECORDED: 01/15/2010

REEL: 023794 FRAME: 0111