

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KHIET LE	12/09/2009
TERENCE G. WARD	12/09/2009
BROOKS S. MANN	12/09/2009
EDWARD P. YANKOSKI	12/09/2009
GREGORY S. SMITH	12/09/2009
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12638683
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	P006123-ATC-CD (003.0736)
<b>NAME OF SUBMITTER:</b>	James R. Walters

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**PATENT**  
**REEL: 023900 FRAME: 0546**

Total Attachments: 2

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**ASSIGNMENT**

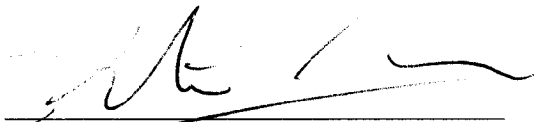
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P006123-ATC-CD (003.0736) entitled:

**POWER ELECTRONICS SUBSTRATE FOR DIRECT SUBSTRATE COOLING**


for which application for Letters Patent of the United States:

- has been executed on even date herewith;
- executed on \_\_\_\_\_;
- was filed on December 15, 2009 and assigned U.S. Serial No. 12/638,683 ;


ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS, INC., 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 12/9/09  
Full name : KHIET LE  
Residence : MISSION VIEJO, CALIFORNIA

Inventor's signature  Date 12/9/09  
Full name : TERENCE G. WARD  
Residence : REDONDO BEACH, CALIFORNIA

Inventor's signature  Date 12/9/2009  
Full name : BROOKS S. MANN  
Residence : REDONDO BEACH, CALIFORNIA

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name : EDWARD P. YANKOSKI  
Residence : CORONA, CALIFORNIA

Inventor's signature  Date 12/9/09  
Full name : GREGORY S. SMITH  
Residence : WOODLAND HILLS, CALIFORNIA

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name : GREGORY S. SMITH  
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