

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KEMING CHEN</td> <td>08/20/2007</td> </tr> <tr> <td>DOUGLAS S. CARLSON</td> <td>08/09/2007</td> </tr> <tr> <td>SUNG CHUNG</td> <td>08/09/2007</td> </tr> </tbody> </table>		Name	Execution Date	KEMING CHEN	08/20/2007	DOUGLAS S. CARLSON	08/09/2007	SUNG CHUNG	08/09/2007
Name	Execution Date								
KEMING CHEN	08/20/2007								
DOUGLAS S. CARLSON	08/09/2007								
SUNG CHUNG	08/09/2007								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.								
Street Address:	P.O. BOX 300								
Internal Address:	MAIL CODE 482-C23-B21								
City:	DETROIT								
State/Country:	MICHIGAN								
Postal Code:	48265-3000								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11960253</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11960253				
Property Type	Number								
Application Number:	11960253								
CORRESPONDENCE DATA									
Fax Number:	(480)385-4061								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 2:	SUITE 325								
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ATTORNEY DOCKET NUMBER:	003.0243								
NAME OF SUBMITTER:	Chad C. Anderson								
Total Attachments: 2									

CH \$40.00 11960253

500424216

**PATENT
 REEL: 020272 FRAME: 0583**

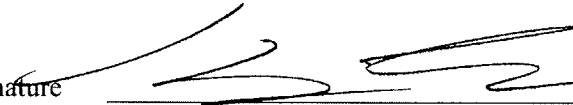
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source=Assignment_GP-308525#page2.tif

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 GP-308525-ATC-CD entitled

SYSTEMS AND METHODS FOR PRECHARGING BOOST CONVERTERS IN DC TO DC POWER CONVERTERS

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES to insert the application number and filing date of said application here in parentheses (11/960,253 filed December 19, 2007) when known.

Inventor's signature  Date 8/20/07

Full name : KEMING CHEN Declaration dated :
Residence : TORRANCE, CALIFORNIA 8/20/07

Inventor's signature _____ Date _____

Full name : DOUGLAS S. CARLSON Declaration dated :
Residence : HAWTHORNE, CALIFORNIA _____

Inventor's signature _____ Date _____

Full name : SUNG CHUNG Declaration dated :
Residence : FULLERTON, CALIFORNIA _____

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Inventor's signature _____ Date _____

Full name : KEMING CHEN Declaration dated :

Residence : TORRANCE, CALIFORNIA _____

Inventor's signature Douglas S. Carlson Date 9 Aug 2007

Full name : DOUGLAS S. CARLSON Declaration dated :

Residence : HAWTHORNE, CALIFORNIA 9 Aug 2007

Inventor's signature Sung Chung Date 8/9/2007

Full name : SUNG CHUNG Declaration dated :

Residence : FULLERTON, CALIFORNIA 8/9/2007