

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHUQING ZENG	07/30/2013
JEREMY A. SALINGER	07/30/2013
BAKHTIAR B. LITKOUHI	07/30/2013
JOEL PAZHAYAMPALLIL	09/12/2013
KEVIN A. O'DEA	07/31/2013
JAMES N. NICKOLAOU	07/30/2013
MARK E. SHIELDS	07/30/2013
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<b>City:</b>	DETROIT
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
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<b>Property Type</b>	<b>Number</b>
Application Number:	15176419
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<b>SIGNATURE:</b>	/Renee D. East/

PATENT

<b>DATE SIGNED:</b>	06/08/2016
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**Total Attachments: 4**  
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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 P023138-RD-SDJ entitled

#### SENSOR-AIDED VEHICLE POSITIONING SYSTEM

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 81466 to insert the application number and filing date of said application here in parentheses ( 14/028709 filed Sept. 17, 2013 ) when known.

Inventor's signature Shuqing Zeng Date 7/30/2013

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Inventor's signature Jeremy Salinger Date 7/30/2013

Full name : JEREMY A. SALINGER

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

Full name : JOEL PAZHAYAMPALLIL

Residence : BELLEROSE, NEW YORK

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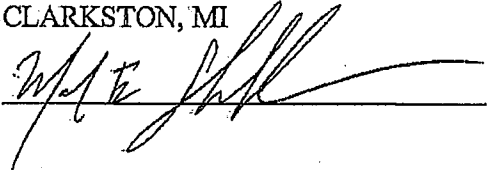
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