

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2814908

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|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| KEVIN A. O'DEA | 04/14/2014 |
| SHUQING ZENG | 04/08/2014 |
| JAMES N. NICKOLAOU | 04/14/2014 |
| BRADLEY HAMNER | 04/15/2014 |
| RECEIVING PARTY DATA | |
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| Street Address: | 300 RENAISSANCE CENTER; MAIL CODE 482-C23-B21 |
| Internal Address: | P.O. BOX 300 |
| City: | DETROIT |
| State/Country: | MICHIGAN |
| Postal Code: | 48265-3000 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14253090 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | P023196-GMVE-LDA |
| NAME OF SUBMITTER: | MICHAEL C. ADAMS |
| SIGNATURE: | /Michael C. Adams/ |
| DATE SIGNED: | 04/15/2014 |
| Total Attachments: 3 | |
| source=P023196_Signed_Odea_and_Nickolaou_Assignment#page1.tif | |

source=P023196_Signed_Zeng_Assignment#page1.tif

source=P023196_Signed_Hamner_Assignment#page1.tif

PATENT

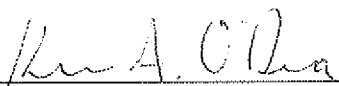
REEL: 032677 FRAME: 0376

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 P023196-GMVE-LDA entitled

**METHOD AND SYSTEM FOR DETECTING, TRACKING AND ESTIMATING
STATIONARY ROADSIDE OBJECTS**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 60770 to insert the application number and filing date of said application here in parentheses (14/253,090 filed April 15, 2014) when known.

Inventor's signature  Date 4/14/2014

Full name : KEVIN A. O'DEA

Residence : ANN ARBOR, MICHIGAN

Inventor's signature _____ Date _____

Full name : SHUQING ZENG

Residence : STERLING HEIGHTS, MICHIGAN

Inventor's signature  Date 4/14/2014

Full name : JAMES N. NICKOLAOU

Residence : CLARKSTON, MICHIGAN

Inventor's signature _____ Date _____

Full name : BRADLEY HAMNER

Residence : PITTSBURGH, PENNSYLVANIA

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Inventor's signature _____ Date _____

Full name : KEVIN A. O'DEA

Residence : ANN ARBOR, MICHIGAN

Inventor's signature Shuqing Zeng Date 4/8/2014

Full name : SHUQING ZENG

Residence : STERLING HEIGHTS, MICHIGAN

Inventor's signature _____ Date _____

Full name : JAMES N. NICKOLAOU

Residence : CLARKSTON, MICHIGAN

Inventor's signature _____ Date _____

Full name : BRADLEY HAMNER

Residence : PITTSBURGH, PENNSYLVANIA

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Full name : KEVIN A. O'DEA

Residence : ANN ARBOR, MICHIGAN

Inventor's signature _____ Date _____

Full name : SHUQING ZENG

Residence : STERLING HEIGHTS, MICHIGAN

Inventor's signature _____ Date _____

Full name : JAMES N. NICKOLAOU

Residence : CLARKSTON, MICHIGAN

Inventor's signature  _____ Date 4-15-2014

Full name : BRADLEY HAMNER

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