

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3561842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOUSSEF A. GHONEIM	09/21/2015
MUTASIM A. SALMAN	09/16/2015
MARK N. HOWELL	09/24/2015
YILU ZHANG	09/23/2015
SCOTT W. OTTERSON	09/18/2015
RECEIVING PARTY DATA	
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
Street Address:	300 RENAISSANCE CENTER
Internal Address:	MAIL CODE: 482-C23-B21
City:	DETROIT
State/Country:	MICHIGAN
Postal Code:	48265-3000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14097543
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NAME OF SUBMITTER:	ERICA K. SCHAEFER
SIGNATURE:	/ERICA K. SCHAEFER/
DATE SIGNED:	10/08/2015
Total Attachments: 5	

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ASSIGNMENT

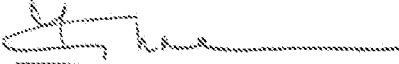
Pursuant to an agreement with my employer, we, YOUSSEF A. GHONEIM, MUTASIM A. SALMAN, MARK N. HOWELL and YILU ZHANG formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC and I, SCOTT W. OTTERSON formally assign to GENERAL MOTORS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P020842-RD-SDJ (003.1008) entitled:

METHOD AND SYSTEM FOR VEHICULAR DATA COLLECTION

for which application for Letters Patent of the United States:

- has been executed on even date herewith;
- executed on _____;
- was filed on December 5, 2013 and assigned U.S. Serial No. 14/097,543;

ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS LLC and GENERAL MOTORS LLC, 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 09/21/2015
 Full name : YOUSSEF A. GHONEIM
 Residence : ROCHESTER, MICHIGAN

Inventor's signature _____ Date _____
 Full name : MUTASIM A. SALMAN
 Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature _____ Date _____
 Full name : MARK N. HOWELL
 Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature _____ Date _____
 Full name : YILU ZHANG
 Residence : NORTHVILLE, MICHIGAN

Inventor's signature _____ Date _____
 Full name : SCOTT W. OTTERSON
 Residence : CLINTON TOWNSHIP, MICHIGAN

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Inventor's signature _____ Date _____
Full name : YOUSSEF A. GHONEIM
Residence : ROCHESTER, MICHIGAN

Inventor's signature M. Salman _____ Date 9/16/13
Full name : MUTASIM A. SALMAN
Residence : ROCHESTER HILLS , MICHIGAN

Inventor's signature _____ Date _____
Full name : MARK N. HOWELL
Residence : ROCHESTER HILLS , MICHIGAN

Inventor's signature _____ Date _____
Full name : YILU ZHANG
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Inventor's signature _____ Date _____
Full name : YOUSSEF A. GHONEIM
Residence : ROCHESTER, MICHIGAN

Inventor's signature _____ Date _____
Full name : MUTASIM A. SALMAN
Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature  Date 24/09/2015
Full name : MARK N. HOWELL
Residence : 64 PENRUDDOCK RISE,
CHRISTCHURCH, NEW ZEALAND.

Inventor's signature _____ Date _____
Full name : YILU ZHANG
Residence : NORTHVILLE, MICHIGAN

Inventor's signature _____ Date _____
Full name : SCOTT W. OTTERSON
Residence : CLINTON TOWNSHIP, MICHIGAN

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Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature _____ Date _____
Full name : MARK N. HOWELL
Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature  _____ Date 9/23/2015
Full name : YILU ZHANG
Residence : NORTHVILLE, MICHIGAN

Inventor's signature _____ Date _____
Full name : SCOTT W. OTTERSON
Residence : CLINTON TOWNSHIP, MICHIGAN

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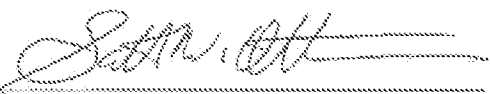
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Inventor's signature _____ Date _____
Full name : YILU ZHANG
Residence : NORTHVILLE, MICHIGAN

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