PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XINYU DU	06/02/2015
SHENGBING JIANG	06/02/2015
ATUL NAGOSE	06/02/2015
YILU ZHANG	06/04/2015
NATALIE ANN WIENCKOWSKI	06/02/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14720332

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DATE SIGNED:	06/04/2015

Total Attachments: 4

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PATENT REEL: 035784 FRAME: 0745

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> PATENT REEL: 035784 FRAME: 0746

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 P028830-RD-SDJ entitled

METHOD AND APPARATUS FOR SHORT FAULT DETECTION IN A CONTROLLER AREA NETWORK

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses (14/720,332 filed 22-MAY-2015) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

Filed

27-MAY-2014

US Provisional Serial No

62/003314

Inventor's signature	PXV	Date 6/2/2015
Full name:	XINYU DU	
Residence:	OAKLAND TOWNSHIP, MICHIGAN	
Inventor's signature	8467	Date 6/2/2015
Full name:	SHENGBING JIANG	
Residence:	ROCHESTER HILLS, MICHIGAN	
Inventor's signature	Arlague	Date 6/2/2015
Full name:	ATUL NAGOSE	
Residence:	ROYAL OAK, MICHIGAN	

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Inventor's signature	- Yelry	Date_ 6/4/2015
Full name:	YILU ZHANG	
Residence:	NORTHVILLE, MICHIGAN	
Inventor's signature		Date
Full name:	NATALIE ANN WIENCKOWSKI	
Residence:	STERLING HEIGHTS, MICHIGAN	

PATENT REEL: 035784 FRAME: 0748

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 P028830-RD-SDJ entitled

METHOD AND APPARATUS FOR SHORT FAULT DETECTION IN A CONTROLLER AREA NETWORK

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses (<u>14/720,332</u> filed <u>22-MAY-2015</u>) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

Filed

27-MAY-2014

ROYAL OAK, MICHIGAN

US Provisional Serial No

62/003314

Residence:

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PATENT REEL: 035784 FRAME: 0749

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PATENT REEL: 035784 FRAME: 0750

RECORDED: 06/04/2015