PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Raymond H. Sasinowski	11/17/2009
Alfred A. Gunther	12/07/2009
Jeffrey L. Despard	11/10/2009
Gary A. Blair	11/12/2009

RECEIVING PARTY DATA

Name:	GM Global Technology Operations, Inc.
Street Address:	300 Renaissance Center, PO Box 300
Internal Address:	MC 482-C23-B21
City:	Detroit
State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12785921

CORRESPONDENCE DATA

Fax Number: (734)542-9569

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 734 542 0900 Email: east@mstfirm.com

Correspondent Name: MacMillan, Sobanski & Todd, LLC

Address Line 1: 720 Water Street

Address Line 2: One Maritime Plaza, Fifth Floor

Address Line 4: Toledo, OHIO 43604

ATTORNEY DOCKET NUMBER: P007676(17561)

NAME OF SUBMITTER: Renee D. East

PATENT

REEL: 024430 FRAME: 0751

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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, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application PO07676-NAPD-LCH entitled

FLUID LINE HAVING CRIMP JOINT

filed, I authorize attodate of said applicate	a declaration dated as indicated below. orney DONALD A. WILKINSON to insert ion here in parentheses (12/18592) when known.	t the application number and filing
	ion has been filed provisionally, the app lication(s) assigned herein are as follows	•
US Provisional Seria 61/254048	al No Filed 22-OCT-2009	
Inventor's signature	Raymond H. Salmowski	Date 11-17-2009
Full name:	RAYMOND H. SASINOWSKI	Declaration dated:
Residence:	BRIGHTON, MICHIGAN	
Inventor's signature		Date
Full name:	ALFRED A. GUNTHER	Declaration dated:
Residence:	MACOMB, MICHIGAN	
Inventor's signature		Date
Full name:	JEFFREY L. DESPARD	Declaration dated:
Residence:	FRANKLIN, MICHIGAN	·

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Inventor's signature		Date
Full name:	RAYMOND H. SASINOWSKI	Declaration dated:
Residence:	BRIGHTON, MICHIGAN	
Inventor's signature	alfred afeth	Date 12/7/09
Full name :	ALFRED A. GUNTHER	Declaration dated:
Residence:	MACOMB, MICHIGAN	
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date
Full name:	JEFFREY L. DESPARD	Declaration dated:
Residence:	FRANKLIN, MICHIGAN	

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Inventor's signature		Date
Full name :	RAYMOND H. SASINOWSKI	Declaration dated:
Residence :	BRIGHTON, MICHIGAN	
Inventor's signature		Date
Full name :	ALFRED A. GUNTHER	Declaration dated:
Residence:	MACOMB, MICHIGAN	
Inventor's signature	Jeffy I Danso	Date_10/Vov. 2009
Full name:	JEFFREY L. DESPARD	Declaration dated:
Residence :	FRANKLIN, MICHIGAN	10 Nov, 2009

Customer No. 81466 P007676-NAPD-LCH, Page 2

Inventor's signature

RECORDED: 05/24/2010

Full name:

GARY A BLAIR

Residence: ROCHESTER HILLS, MICHIGAN

Date 11/12/09

Declaration dated:

11/12/09

PATENT

REEL: 024430 FRAME: 0756