PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT** NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Akram R. Zahdeh	09/12/2007

RECEIVING PARTY DATA

Name:	GM Global Technology Operations, Inc.
Street Address:	P.O. Box 300
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:	11853431

CORRESPONDENCE DATA

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P000115-PTE-KFB/GM1129 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Christopher W. Quinn

Total Attachments: 1

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PATENT

500434343 **REEL: 020332 FRAME: 0520**

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 P000115-PTE-KFB entitled

IN-CYLINDER IMAGING APPARATUS AND METHOD

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney KARL F. BARR IR. to insert the application number and filing date of said application here in parentheses (11/853431 filed 3ept. 11, 2007) 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:

US Provisional Serial No

Filed

60/864016

02-NOV-2006

Inventor's signature

Date $\frac{9-12-07}{1}$

Full name:

AKRAM R. ZAHDEH

Residence:

Rochester Hills, MI AR S

PATENT REEL: 020332 FRAME: 0521

RECORDED: 01/08/2008