

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Jasinkiewicz	12/15/2010
Raffaello Ardanese	12/08/2010
Michelangelo Ardanese	12/08/2010
Christopher Whitt	12/08/2010
Douglas Christopher Sarsen	12/08/2010
RECEIVING PARTY DATA	
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Internal Address:	Mail Code 482-C23-B21
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13004180
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ATTORNEY DOCKET NUMBER:	P012579-PTDE-DPH / GM2087
NAME OF SUBMITTER:	Christopher W. Quinn

CH \$40.00 13004180

Total Attachments: 2

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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 P012579-PTUS-DPH entitled

SYSTEM AND METHOD FOR ESTIMATING A MASS OF PARTICULATE MATTER ACCUMULATED IN A PARTICULATE FILTER

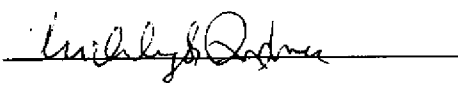
for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize practitioners associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (13/004 180 filed 11-JAN-2011) when known.

Inventor's signature  Date 12/15/2010

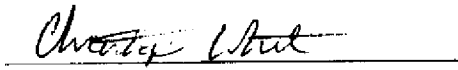
Full name : PAUL JASINKIEWICZ Declaration dated :
Residence : NORTHVILLE, MI. 12/15/2010

Inventor's signature  Date 12/08/10

Full name : RAFFAELLO ARDANESE Declaration dated :
Residence : TROY, MICHIGAN 12/08/10

Inventor's signature  Date 12/8/10

Full name : MICHELANGELO ARDANESE Declaration dated :
Residence : ANN ARBOR, MICHIGAN 12/8/10

Inventor's signature  Date 12/8/10

Full name : CHRISTOPHER WHITT Declaration dated :
Residence : HOWELL, MICHIGAN 12/8/10

Inventor's signature *Douglas C. Sarsen*
Full name : DOUGLAS CHRISTOPHER SARSEN
Residence : HOWELL, MICHIGAN

Date 12/8/10
Declaration dated :
12/8/10