

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>John S. Agapiou</td><td>04/15/2009</td></tr><tr><td>Michael E. Swanger</td><td>04/15/2009</td></tr><tr><td>Daniel K. Owusu</td><td>04/15/2009</td></tr></tbody></table>		Name	Execution Date	John S. Agapiou	04/15/2009	Michael E. Swanger	04/15/2009	Daniel K. Owusu	04/15/2009
Name	Execution Date								
John S. Agapiou	04/15/2009								
Michael E. Swanger	04/15/2009								
Daniel K. Owusu	04/15/2009								
RECEIVING PARTY DATA									
Name:	GM Global Technology Operations, Inc.								
Street Address:	300 Renaissance Center								
Internal Address:	M/C 482-C23-B21								
City:	Detroit								
State/Country:	MICHIGAN								
Postal Code:	48265-3000								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12432548</td></tr></tbody></table>		Property Type	Number	Application Number:	12432548				
Property Type	Number								
Application Number:	12432548								
CORRESPONDENCE DATA									
Fax Number:	(248)858-4201								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	248-858-4200								
Email:	carlson@milleripgroup.com								
Correspondent Name:	John Miller								
Address Line 1:	42690 Woodward Avenue, Ste. 200								
Address Line 4:	Bloomfield Hills, MICHIGAN 48304								
ATTORNEY DOCKET NUMBER:	P004627-RD-MJL								
NAME OF SUBMITTER:	John A. Miller								
Total Attachments: 1 source=P004627_assignment#page1.tif									

PATENT

500850696

REEL: 022631 FRAME: 0591

CH \$40.00 12432548

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 P004627-RD-MJL entitled

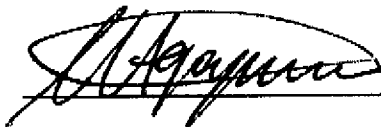
METHODOLOGY FOR EVALUATING THE START AND PROFILE OF A THREAD WITH A VISION-BASED SYSTEM

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorneys JOHN A. MILLER and MYRON J. LLOYD to insert the application number and filing date of said application here in parentheses (12/432548 filed April 29, 2009) 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
61/052309 12-MAY-2008

Inventor's signature



Date

4-15-09

Full name :

JOHN S. AGAPIOU

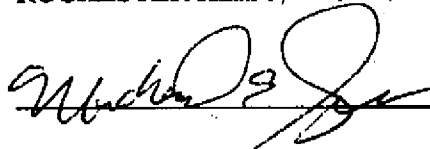
Declaration dated :

4-15-09

Residence :

ROCHESTER HILLS, MICHIGAN

Inventor's signature



Date

4-15-09

Full name :

MICHAEL E. SWANGER

Declaration dated :

4-15-09

Residence :

ALMONT, MICHIGAN

Inventor's signature



Date

4/15/09

Full name :

DANIEL K. OWUSU

Declaration dated :

4/15/09

Residence :

GRAND BLANC, MICHIGAN

PATENT