

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| John J. Vajo | | 03/20/2007 |
| Ping Liu | | 03/20/2007 |
| RECEIVING PARTY DATA | | |
| Name: | GM Global Technology Operations, Inc. | |
| Street Address: | 300 Renaissance Center | |
| Internal Address: | MC 482-C23-B21 | |
| City: | Detroit | |
| State/Country: | MICHIGAN | |
| Postal Code: | 48265-3000 | |
| PROPERTY NUMBERS Total: 1 | | |
| Property Type | Number | |
| Application Number: | 11685792 | |
| CORRESPONDENCE DATA | | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | |
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| ATTORNEY DOCKET NUMBER: | GP-308269-RD-KAM | |
| NAME OF SUBMITTER: | Eleanor J. Halik | |
| Total Attachments: 1 source=GP-308269-RD-KAM_Assignment#page1.tif | | |

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REEL: 019230 FRAME: 0648

ASSIGNMENT

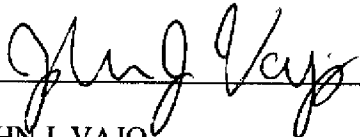
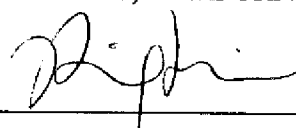
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application GP-308269-US-NP/R&D/JMC entitled

APPARATUS AND METHOD FOR SYNTHESIS OF ALANE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney KATHRYN A. MARRA to insert the application number and filing date of said application here in parentheses (11/685792 filed 14-MAR-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.60/785616 Filed 24-MAR-2006

| | | |
|----------------------|--|---------------------|
| Inventor's signature | <u></u> | Date <u>3/20/07</u> |
| Full name : | JOHN J. VAJO | Declaration dated : |
| Residence : | WEST HILLS, CALIFORNIA | |
| Inventor's signature | <u></u> | Date <u>3/20/07</u> |
| Full name : | PING LIU | Declaration dated : |
| Residence : | IRVINE, CALIFORNIA | |