

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Gregory A. Griffin</td> <td>10/03/2011</td> </tr> <tr> <td>Timothy Yoon</td> <td>04/26/2011</td> </tr> <tr> <td>Jeffrey R. Kelso</td> <td>05/23/2011</td> </tr> <tr> <td>Adam C. Lack</td> <td>10/31/2011</td> </tr> <tr> <td>Navtej Singh</td> <td>10/31/2011</td> </tr> <tr> <td>Jason B. Arriaga</td> <td>11/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Gregory A. Griffin	10/03/2011	Timothy Yoon	04/26/2011	Jeffrey R. Kelso	05/23/2011	Adam C. Lack	10/31/2011	Navtej Singh	10/31/2011	Jason B. Arriaga	11/08/2011
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<table border="1"> <tr> <td>Name:</td> <td>International Engine Intellectual Property Company, LLC</td> </tr> <tr> <td>Street Address:</td> <td>2701 Navistar Drive</td> </tr> <tr> <td>City:</td> <td>Lisle</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60532</td> </tr> </table>		Name:	International Engine Intellectual Property Company, LLC	Street Address:	2701 Navistar Drive	City:	Lisle	State/Country:	ILLINOIS	Postal Code:	60532				
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CORRESPONDENCE DATA															
<p>Fax Number: (331)332-2261</p> <p>Phone: 331-332-3039</p> <p>Email: ptinfo@navistar.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: INTERNATIONAL ENGINE INTELLECTUAL PROPER</p> <p>Address Line 1: 2701 Navistar Drive</p> <p>Address Line 2: Suite 7-3-P18-03</p> <p>Address Line 4: Lisle, ILLINOIS 60532</p>															
ATTORNEY DOCKET NUMBER:	D7154 N419														

CH \$40.00 13366492

NAME OF SUBMITTER:

Yvonne Figueroa

**Total Attachments: 8**

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**PATENT**

**REEL: 027655 FRAME: 0516**

## JOINT ASSIGNMENT

WHEREAS, (1) Gregory A. Griffin;  
 (2) Timothy Yoon;  
 (3) Jeffrey R. Kelso;  
 (4) Adam C. Lack;  
 (5) Jason B. Arriaga; and  
 (6) Navtej Singh

residing, respectively, at (1) 1724 Avalon Court, Glendale Heights, IL 60139;  
 (2) 1959 Penfold Place, Northbrook, IL 60062;  
 (3) 14932 Jasmine Key Court, Fort Wayne, IN 46814;  
 (4) 8733 Willow Blvd. #4D, Willow Springs, IL 60480;  
 (5) 8412 Springberry Drive, Fort Wayne, IN 46818; and  
 (6) 2233 South Highland Avenue # 1015, Lombard, IL 60148

(hereinafter referred to as ASSIGNORS) have invented certain new and useful improvements in INTERNATIONAL Docket No. D7154 titled:

**INSULATED MAIN NH3 CARTRIDGE SYSTEM WITH SEPARATE START-UP UNIT**

for which they are about to make application for Letters Patent in the United States, said application having a Declaration and Power of Attorney executed by ASSIGNORS respectively on

- (1) on the 3<sup>rd</sup> day of October, 2011;  
 (2) on the \_\_\_\_\_ day of \_\_\_\_\_, 2011;  
 (3) on the \_\_\_\_\_ day of \_\_\_\_\_, 2011;  
 (4) on the \_\_\_\_\_ day of \_\_\_\_\_, 2011;  
 (5) on the \_\_\_\_\_ day of \_\_\_\_\_, 2011;  
 (6) on the \_\_\_\_\_ day of \_\_\_\_\_, 2011;

or is identified subsequent to filing in the United States Patent and Trademark Office as Serial No. \_\_\_\_\_ filed \_\_\_\_\_ and

WHEREAS, INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC, a corporation existing under the laws of the State of Illinois, (hereinafter referred to as INTERNATIONAL) having its principal place of business at 4201 Winfield Road, Warrenville, Illinois 60555 is desirous of acquiring the entire right, title and interest in and to the aforesaid invention or inventions, and any Letters Patent granted hereon by the United States of America and any foreign country;

NOW THEREFORE, in exchange for good and valuable consideration received by ASSIGNORS from INTERNATIONAL, the receipt of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby sell, assign, and transfer to INTERNATIONAL said invention or inventions, said application, divisional applications thereof, continuation applications thereof and any and all Letters Patent of the United States and any foreign country which may be granted therefor, and any reissue or reissues, or extension or extensions thereof, together with the right to file applications in, and to acquire Letters Patent in, all countries foreign to the United States in the name of INTERNATIONAL or as it may direct, and to claim for such foreign applications and Letters Patent the priority date of filing of the said International or United States application under the provisions of the Patent Cooperation Treaty, the International Convention for the Protection of Industrial Property or the European Patent Convention in the countries in which it applies.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or inventions or resulting from said application, or any division or divisions or continuations thereof to INTERNATIONAL as assignee of the entire interest.

ASSIGNORS hereby authorize INTERNATIONAL to insert the serial number and date(s) of execution of said application into this document after execution thereof.

ASSIGNORS do hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith.

ASSIGNORS further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or inventions, or any Letters Patent that may be granted therefor in any country in INTERNATIONAL, and that if INTERNATIONAL desires to secure a division, reissue, reexamination, or renewal of any such Letters Patent, that a disclaimer relating thereto should be filed, or make application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the application for such division, reissue, reexamination, or extension and the procuring thereof, or for the filing of such disclaimer or foreign patent application without further compensation, but at the expense of INTERNATIONAL.

ASSIGNORS do further covenant and agree that they will, at any time, upon request, communicate to INTERNATIONAL any facts relating to said invention or inventions and Letters Patent, or the history thereof known to them, and testify as to the same in interferences or other litigation when requested so to do.

This assignment shall inure to the benefit of INTERNATIONAL, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, their heirs and legal representatives.

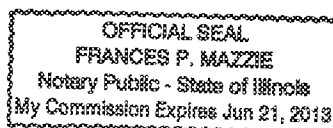
IN WITNESS WHEREOF, they have executed this instrument.

(1) Gregory A. Griffin this 3<sup>rd</sup> day of October, 2011  
Gregory A. Griffin

State of Illinois  
County of Cook

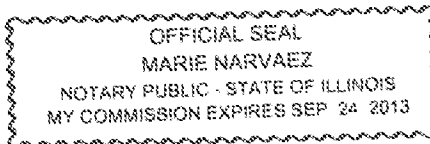
On this 3<sup>rd</sup> day of October, 2011, before me came Gregory A. Griffin, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Frances P. Mazzie  
Notary Public



(2) Timothy Yoon this 26 day of April, 2011

State of Illinois )  
County of Cook )



On this 26th day of April, 2011, before me came Timothy Yoon, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

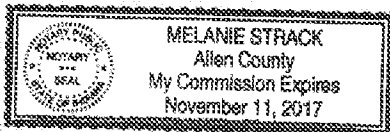
Marie Narvaez  
Notary Public

(3) Jeffrey R Kelso this 23 day of May, 2011  
Jeffrey R. Kelso

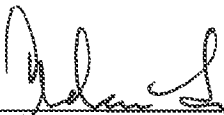
State of Indiana

County of Allen

On this 23 day of May, 2011, before me came Jeffrey R. Kelso, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

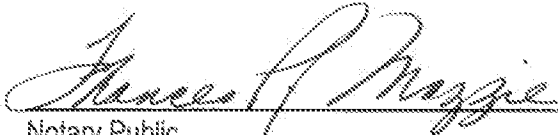


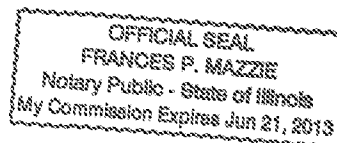
Melanie Strack  
Notary Public

(4)  this 31<sup>st</sup> day of October, 2011  
Adam C. Lack

State of IL )  
County of Cook )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me came Adam C. Lack, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

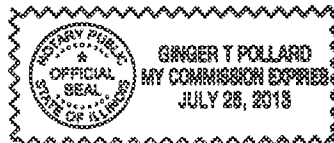
  
Notary Public





(5) Jason B. Arriaga this 8 day of NOVEMBER, 2011  
 Jason B. Arriaga

State of Illinois  
 County of Will



On this 8 day of November, 2011, before me came Jason B. Arriaga, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Ginger T. Pollard  
 Notary Public

(6) Navtej Singh this 31 day of oct, 2011  
Navtej Singh

State of IL  
County of COOK

On this 31 day of oct, 2011, before me came Navtej Singh, to me personally known, and known to me to be the individual described in and who executed the foregoing assignment, and acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Frances P. Mazzie  
Notary Public

