PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrei Makartchouk	08/31/2009
Justin O'Connor	09/15/2009
Steve P. Gravante	12/13/2009

RECEIVING PARTY DATA

Name:	International Engine Intellectual Property Company, LLC	
Street Address:	4201 Winfield Road	
City:	Warrenville	
State/Country:	ILLINOIS	
Postal Code:	60555	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12711436

CORRESPONDENCE DATA

Fax Number: (630)753-3982

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 630-753-5000 Email: ptinfo@navistar.com

Correspondent Name: INTERNATIONAL ENGINE INTELLECTUAL PROPER

Address Line 1: 4201 WINFIELD ROAD

Address Line 2: P.O. BOX 1488

Address Line 4: WARRENVILLE, ILLINOIS 60555

ATTORNEY DOCKET NUMBER:	D6357, N419
NAME OF SUBMITTER:	Jack D. Nimz

Total Attachments: 4

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> PATENT REEL: 023982 FRAME: 0580

JOINT ASSIGNMENT

WHEREAS, (1) Andrei Makartchouk; (2) Justin O'Connor; (3) Steve P. Gravante; (4) Emad M. Amin; and (5) S. Scott Smith,

residing, respectively, at (1) 2233 S. Highland, Lombard, IL 60148; (2) 201 Bay Colony, Naperville, IL 60565; (3) 2639 Sunnyside Ave., Westchester, IL 60514; (4) 17W082 16th St., Oakbrook Terrace, IL 60181; and (5) 600 S. Dearborn St. #602, Chicago, IL 60605

(hereinafter referred to as ASSIGNORS) have invented certain new and useful improvements in INTERNATIONAL Docket No. D6357 titled:

Method, System, and Apparatus for Liquid Injection Into a Gas System

for which they are about to make application for Letters Pater	nt in the United States, said application having a
Declaration and Power of Attorney executed by ASSIGNO	PRS respectively on (1) on the day o
, 2009; (2) on the day of	, 2009; (3) on the day o
, 2009; (4) on the day of	, 2009; (5) on the day o
, 2009	
or is identified subsequent to filing in the United States	Patent and Trademark Office as Serial No ; 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 consideration of the sum of One Dollar and other 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.

PATENT REEL: 023982 FRAME: 0581 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.

this 31 day of august, 2009

IN WITNESS WHEREOF, they have executed this instrument.

County of Coak

On this <u>31</u> day of <u>Guegust</u>, 2009, before me came Andrei Markatchouk, 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.

atricia Sendi

OFFICIAL SEAL
PATRICIA BURDI
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMIBSION EXPIRES MAY. 07, 2013

Notary Public

(2)	Justin Q'Connor	this 15 day of September, 2009
State	of Illinois)	
Coun	ity of <u>DUPAGE</u>)	
know	n, and known to me to be the in	TIBER, 2009, before me came Justin O'Connor, to me personally dividual described in and who executed the foregoing assignment, and the same of his own free will and for the purposes therein set forth.
THE	F I C I A L S E A L " EODORA A. TRIGGS RY PUBLIC, STATE OF ILLINOIS MMISSION EXPIRES 3/21/2011	Messfora G. Juggi Notary Public

(3) Steve P. Gravante this 13th day of October, 2009
State of Illinois) County of OCK)
On this, and who will 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. OFFICIAL SEAL PEARL A SCHOENBERGER NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:06/08/10 Notary Public