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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies) Michael J. McNulty Christopher R. Ciesla Christopher M. Kaas Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>International Engine Intellectual Property Company, LLC</u> Internal Address: <u>Law Dept - 2W</u> Street Address: <u>4201 Winfield Road., P.O. Box 1488</u> City: <u>Warrenville</u> State: <u>IL</u> Country: <u>United States</u> Zip: <u>60555</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>11/8/05;11/8/05;11/8/05</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	

4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/270,006</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No.(s)
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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Dennis Kelly Sullivan</u> Internal Address: <u>Law Dept - 2W</u> Street Address: <u>4201 Winfield Road, P.O. Box 1488</u> City: <u>Warrenville</u> State: <u>IL</u> Zip: <u>60555</u> Phone Number: <u>630-753-2311</u> Fax Number: <u>630-753-3982</u> Email Address: <u>ptinfo@nav-international.com</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
	8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>14-0603</u> Authorized User Name <u>Cathi Majewski</u>

9. Signature: <u></u> <div style="text-align: center;">Signature</div>	<u>4/17/06</u> <div style="text-align: center;">Date</div>
Cathi Majewski Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 5

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1450

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D5891

JOINT ASSIGNMENT

WHEREAS, (1) Michael J. McNulty; (2) Christopher R. Giesla; and (3) Christopher M. Kaas

residing, respectively, at (1) 215 N. Garfield St., Lombard, IL 60148; (2) 12531 S. 68th Court, Palos Heights, IL 60463; and (3) 8114 N. Ottawa Avenue, Niles, IL 60714

(hereinafter referred to as ASSIGNORS) have invented certain new and useful improvements in INTERNATIONAL Docket No. D5891 titled:

Three Sensor Comparison Rationality Test

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 8th day of NOVEMBER, 2005; (2) on the 8th day of NOVEMBER, 2005; (3) on the 8th day of NOVEMBER, 2005

or is identified subsequent to filing in the United States Patent and Trademark Office as Serial No. 11/270,006 filed 11/9/05; 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.

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

D5891

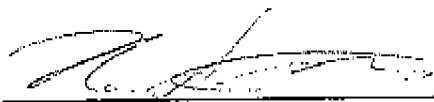
ASSIGNORS do hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith.

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)  this 8th day of November, 2005
Michael J. McNulty

State of Illinois)
County of Cook)

On this 8th day of NOVEMBER, 2005, before me came Michael J. McNulty, 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

(2) Christopher R. Ciesla this 8th day of November, 2005
Christopher R. Ciesla

State of Illinois)
County of Cook)

On this 8th day of NOVEMBER, 2005, before me came Christopher R. Ciesla, 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.



Elias P. Soupos
Notary Public

(3) Christopher M. Kaas this 8th day of November, 2005
Christopher M. Kaas

State of Illinois)
County of Cook)

On this 8th day of NOVEMBER, 2005, before me came Christopher M. Kaas, 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.



Elias P. Soupos
Notary Public