FORM PTO-1619A Expires 06/30/99 OMB 0651-0027



Submission Ty	3-4-02	Conveyance Typ Assignment	Security A	areement
	on (Non-Recordation)	License	Change of	
Correction of Reel # Corrective D	Frame #		U.S. Governme ose ONLY by U.S. Governmental File	
Conveying Par	rty(ies)		names of conveying p	Excouncil Dut
Name (line 1)	Joseph R. Ward			Month Day Ye
Name (line 2)				
Second Party Name (line 1)				Execution Date Month Day Y
Name (line 2)				
Receiving Part	ty	M	ark if additional names	s of receiving parties attached
Name (line 1)	International Engine Intellectu	al Property Company, L.L.C		If document to be no is an assignment a receiving party is n
Name (tine 2)				domiciled in the Un States, an appointn
Address (line 1)	201 Winfield Rd.			of a domestic representative is at (Designation must
Address (line 2)				separate document Assignment.)
Address (line 3)	Warrenville	IL/USA		60555
Domestic Rep	resentative Name and	State/Country d Address Enter f	or the first Receiving F	Zip Code Party only.
Name				
Address (line 1)				
Address (line 2)				
Address (line 3)				
Address (line 4)	-			
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

> **PATENT** REEL: 012681 FRAME: 0023

FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone Number	630/753-2311
Name [Dennis Kelly Sullivan		
Address (line 1)	International Truck and Engine Co	orporation	
Address (line 2)	4201 Winfield Rd.		
Address (line 3)			
Address (line 4)	Warrenville, IL 60555		
Pages	Enter the total number of pagincluding any attachments.	es of the attached conveyance documer	nt # 2
	Number(s) or Patent Num		itional numbers attached
	e Patent Application Number or the Pa ent Application Number(s)	atent Number (DO NOT ENTER BOTH numbers for	· · · · · ·
10/027,071	The Application Number (s)	Fatent N	umber(s)
	s being filed together with a <u>new</u> Paten t named executing inventor.	t Application, enter the date the patent application v	was Month Day Year
Patent Coop	eration Treaty (PCT)	РСТ	DOT!
	r PCT application number		PCT
-	if a U.S. Application Number not been assigned.	PCT PCT	PCT
Number of P	roperties Enter the total	al number of properties involved. #	1
Fee Amount	Fee Amount fo	or Properties Listed (37 CFR 3.41): \$	40
Method o	of Payment: Enclos	sed Deposit Account	
(Enter for p		ional fees can be charged to the account.) eposit Account Number: #	14-0603
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Statement ar	nd Signature		
		ief, the foregoing information is true and	•
	d copy is a true copy of the or ed herein.	riginal document. Charges to deposit ac	count are authorized, as
	Cathi Majewski	(this Marcio Se,	2/22/02
Name	of Person Signing	Signature	Date

PATENT REEL: 012681 FRAME: 0024

ASSIGNMENT

WHEREAS, Joseph R. Ward, 4445 S. Anton Way, New Palestine, IN 46163

(hereinafter referred to as ASSIGNOR) has invented certain new and useful improvements in INTERNATIONAL Docket No. D-5216 entitled:

METHOD FOR MANUFACTURE OF GRAY CAST IRON FOR CRANKCASES AND CYLINDER HEADS

for which he is about to make application for Letters Patent	in the United States, said application having a
Declaration and Power of Attorney executed by ASSIGNO	OR on the day of
2001,	•

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

WHEREAS, INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, L.L.C., 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 ASSIGNOR from INTERNATIONAL, the receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR does 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.

ASSIGNOR hereby authorizes and requests 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.

ASSIGNOR hereby authorizes INTERNATIONAL to insert the dates of execution of said application.

ASSIGNOR does hereby covenant that he has full right to convey the entire interest herein assigned, and that he has not executed and will not execute any agreement in conflict herewith.

PATENT REEL: 012681 FRAME: 0025 ASSIGNOR further covenants that he 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 he will, upon request, sign all papers, make all rightful oaths, and does 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.

ASSIGNOR does further covenant and agrees that he 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 ASSIGNOR, his heirs and legal representatives.

IN WITNESS WHEREOF, he has executed this instrument.						
Soph R.	Was Linis_	17th	day of DECEMBE	<u>=~</u> , 2001		
Goseph R. Ward						
State of Indiana)ss:				

County of MARION

RECORDED: 03/04/2002

On this \(\) day of \(\) and \(\) and \(\) and \(\) and \(\) before me personally came Joseph R. Ward 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

My commission expires:

3-15-03