Form **PTO-1595** (Rev. 12/08) OMB No. 0651-0027 (exp. 01/31/2009) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY				
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) Deborah L. Hordos Sean P. Burns Graylon K. Williams Larry A. Moquin Paresh S. Khandhadia	Name and address of receiving party(ies)     Name: TK Holdings, Inc.     Internal Address:			
Additional name(s) of conveylng party(ies) attached? 🔲 Yes 🔯 No	Street Address: 69700 Powell Road			
3. Nature of conveyance/Execution Date(s):				
Execution Date(s) 2/17,18 & 23, 2010	City Armed			
	City: Armada State: Michigan			
<ul> <li>Joint Research Agreement</li> <li>Government Interest Assignment</li> <li>Executive Order 9424, Confirmatory License</li> </ul>	Country: <u>US</u> Zip: <u>48005</u>			
Other	Additional name(s) & address(es) attached?   Yes   No			
4. Application or patent number(s): ☐ This  A. Patent Application No.(s)  12/658,279	document is being filed together with a new application.  B. Patent No.(s)			
Additional numbers attached? 🔲 Yes 🗵 No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: <u>Laurence C. Begin</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: L.C. Begin & Associates, PLLC.	<ul> <li>Authorized to be charged to deposit account</li> <li>Enclosed</li> </ul>			
Street Address: 510 Highland Ave.	☐ None required (government interest not affecting title)			
PMB 403 City: Milford	8. Payment Information			
State: Michigan Zip: 48381				
Phone Number: (248) 889-5875				
Fax Number:	Deposit Account Number			
Email Address:	Authorized User Name			
9. Signature: Signature	3/12/10 Date			
Lisa Steward	Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing	onger, account of the governors.			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 024075 FRAME: 0456

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)		Docket No. 5702-01223	
This is an As	ssignment of the following r	rights, title and interest: (check all that apply):	
⋈		rights, title and interest in the invention	
· 🛭	Foreign rights, title and in		
×		lication Serial No. 12/658,279	
	Date of Execution: 2		
	United States Provisional	Patent Application Serial No.	· <u>·</u>
	United States Patent No(s)	9.	<u> </u>
	International (PCT) Pater	nt Application Serial No.	·
	Other (specify)		
Title of the l	Invention	,	
AUTO-IGNITION COMPOSITION			
Inventors (a			
	Name	Address	
Deborah L	·		
Sean P. B			4100
Graylon K			
Larry A. M	· · ·	<del>-</del>	
Haresh S.	Khandhadia		u -
	· · · · · · · · · · · · · · · · · · ·		
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	<del>,</del> -		
Assignee			
	Name Address		
TK Holdin	<u> </u>	69700 Powell Road Armada, Michigan 48005	

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**PATENT** REEL: 024075 FRAME: 0457

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 5702-01223

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Signature/Date
•
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PATENT

REEL: 024075 FRAME: 0458

(Multiple inventors; single assignee)  Notarization  (Attenuely ministration is not necessary, it will be considered prime facts evidence of mecution pursuant to 35 U.S.C. 26(1)  Executed this /8th day of Sabruary, in the year 2010  State of Machine described the foregoing instrument up he a free act and deed and also represented that he or she is authorise execute the same this /8th day of Sabruary in the year 2010  State of Machine My Commission Expires 00282012  Acting in the object 00282013  Acting in the object 00282013  Acting in the object 00282013  Acting in the object of Machine My Commission Expires 00282013  Acting in the object of Machine My Commission Expires 00282013  Acting in the object of Machine My Commission Expires of San P. Burns  who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authoric execute the same this 23 May of Sabruary in the year 2010  DENNA DESTAD  Before me personally appeared Sean P. Burns  who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authoric in the year 2010  DENNA DESTAD  Before me personally appeared Sean P. Burns  who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authoric in the year 2010  DENNA DESTAD  Acting of Machine My Machine My Commission Season of Season of Season of Season of Season of Machine My Commission Season of Machine	Assignment of Rights, Title and Interest in Invention	Docket No. 5702-01223
Executed this 18th day of Letrustry, in the year 2010  State of Madrid Deborah.  Before me personally appeared Deborah L. Hordes who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorise execute the same this 2stroid Michigan County of Madrid Deborah.  Executed this 23th day of Letrustry in the year 2010  Executed this 23th day of Letrustry in the year 2010  Executed this 23th day of Letrustry in the year 2010  Executed this 23th day of Letrustry in the year 2010  Executed this 23th day of Letrustry in the year 2010  Executed this 23th day of Letrustry in the year 2010  Executed this 23th day of Letrustry in the year 2010  Executed the foregoing instrument to be a free act and deed and also represented that he or she is authorise the same this 23th day of Letrustry in the year 2010  DEANA DESMARUS  Notary Public State of Michigan  County of Macromb  My Commission Expises 05-25-2012  Rolling in the gounty of Macromb  My Commission Expises 05-25-2012  Rolling in the gounty of Macromb  My Commission Expises 05-25-2012  Rolling in the gounty of Macromb  Executed this 23th day of Letrustry in the year 2010	(Multiple inventors; single assignee)	3702-01223
State of Manufact  State of Manufact  State of Manufact  Sefere me personally appeared Deboran L. Hordos  section me personally appeared that he or she is authoris  execute the same this 18 day of Labruary in the year 2010  My Commission Expires 08-28-2012  Aching in the opinion of Manufacture of Manufact	(Although notarization is not necessary, it will be considered prima facts evidence of execution pursuant t	o 35 U.S.C. 261.)
Before me personally appeared Deborah L. Hordos who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authoris execute the same this / a day of fabricary in the year 2010  DEANA DESMARAIS Notary Public. State of Michigan County of Macomb  My Commission Expires 0628-2012 Acting in the county of MACOMB  Before me personally appeared Sean P. Burns who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authoris execute the same this Q3 had day of fabricary in the year 2010  DEANA DESMARAIS Notary Public, State of Michigan County of Macomb My Commission Expires 06-28-2012 Acting in the goant of Michigan County of Macomb My Commission Expires 06-28-2012 Acting in the goant of Michigan Executed this Q3 and day of fabricary in the year 2010  Executed this Q3 and day of fabricary in the year 2010  Executed this Q3 and day of fabricary in the year 2010  Executed this Q3 and day of fabricary in the year 2010	Signature et la	(ventor)
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Executed this 23 nd day of fabruary in the year 2010  (Signature of Inventor)  State of Marino  County of Marino  Before me personally appeared Sean P. Burns who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorite execute the same this 23 nd day of february in the year 2010  DEANA DESMARAIS  Notary Public, State of Michigen  County of Macomb  My Commission Expires 06-25-2012  Action in the gearnly of MACOMB  Executed this 23 nd day of fabruary in the year 2010  Executed this 23 nd day of fabruary in the year 2010	Before me personally appeared Deborah L. Hordos  who acknowledged the foregoing instrument to be a free act and deed and also represe execute the same this / 8	
Before me personally appeared Sean P. Burns who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authoric execute the same this \$\alpha \frac{3}{2}\$ had day of february in the year \$\alpha 0.10\$  DEANA DESMARAIS Notary Public, State of Michigen County of Macornb My Commission Expires 06-25-2012 Acting in the county of MACORDS  Executed this \$\alpha \frac{3}{2}\$ and day of fabruary. In the year \$\alpha 0.10\$  At the year \$\alpha 0.10\$  Executed this \$\alpha \frac{3}{2}\$ and day of fabruary. In the year \$\alpha 0.10\$  The year \$\alpha 0.10\$  Executed this \$\alpha \frac{3}{2}\$ and day of fabruary. In the year \$\alpha 0.10\$  The year \$\alpha 0.	Executed this 23 nd day of fabruary in the year 2010  (Signature of In	~
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	Executed this 23rd day of fabruary in the year 2010	Matath

Country of Macomb

Before me personally appeared Graylon K. Williams who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this  $\approx 3^{12}$  day of february in the year  $\approx 0.10$ 

DEANA DESMARAIS
Notary Public, State of Michigan
County of Macomb
My Commission Expires 08-25-2012
Acting in the county of MACOMY

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Assignment of Rights, Title and Interest in Invention	Docket No.
(Multiple inventors; single assignee)	5702-01223
Notarization  (Although notarization is not necessary, it will be considered prima facie evidence of execution.)	on pursuant in 35 U.S.C 261.)
Executed this /74 day of Lebruary in the year 2010	)
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State of Michigan County of Macomb	
County of Macomb	
Before me personally appeared Larry A. Maquin	
who acknowledged the foregoing instrument to be a free act and deed and als	so represented that he or she is authorized
execute the same this / day of Sebruary in the year	· 2010
DEANA DESMARAIS Noterry Public, State of Michigan	
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My Commission Expires 06-25-2012 Acting in the county of Processes	(Nötary Publia)
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sine of Michigan	
County of MACONIC	
Before me personally appeared Peresh S. Khandhadia	
who acknowledged the foregoing instrument to be a free act and deed and als	o represented that he or she is authorized
execute the same this 18th day of february in the year	
DEANA DESMARAIS	
Notary Public, State of Michigan	( ) *
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Before me personally appeared	
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, PATENT REEL: 024075 FRAME: 0460