

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

Doc Code: 5702-00182

U.S. DEPARTMENT OF COMMERCE  
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## 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)**

Sudhakar R. Ganta  
Graylon K. Williams  
Cory G. Miller

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) May 16 & 17, 2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: TK Holdings, Inc.

Internal Address: \_\_\_\_\_

Street Address: 69700 Powell Road

City: Armada

State: Michigan

Country: US Zip: 48005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/800,922

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: L.C. Begin & Associates, PLLC

Internal Address: \_\_\_\_\_

Street Address: 510 Highland Ave.

PMB 403

City: Milford

State: Michigan Zip: 48381

Phone Number: (248) 889-5875

Fax Number: (248) 887-7664

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$**

40.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

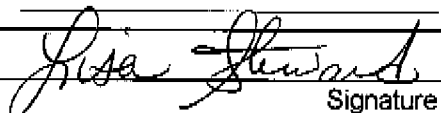
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Expiration Date 7/09

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**9. Signature:**

  
Signature

7/26/07  
Date

Lisa Steward

Name of Person Signing

Total number of pages including cover

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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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PATENT  
REEL: 019599 FRAME: 0604

**Assignment of Rights, Title and Interest in Invention**  
**(Multiple inventors; single assignee)**Docket No.  
5702-00182*This is an Assignment of the following rights, title and interest: (check all that apply):*

- ☒ *United States of America rights, title and interest in the invention*  
☒ *Foreign rights, title and interest in the invention*  
☒ *United States Patent Application Serial No.* 11/800,922

*Date of Execution:* May 16 & 17, 2007 *Date of Filing:* 5/7/07

- ☐ *United States Provisional Patent Application Serial No.*  
☐ *United States Patent No(s).*  
☐ *International (PCT) Patent Application Serial No.*  
☐ *Other (specify)*

**Title of the Invention**

GAS GENERANT COMPOSITIONS

**Inventors (assignors)**

<i>Name</i>	<i>Address</i>
Sudhakar R. Ganta	
Graylon K. Williams	
Cory G. Miller	

**Assignee**

<i>Name</i>	<i>Address</i>
TK Holdings, Inc.	69700 Powell Road Armada, Michigan 48005

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**Docket No.  
5702-00182

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)*

Name	Signature/Date
Sudhakar R. Ganta	
Graylon K. Williams	
Cory G. Miller	

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

Docket No.  
5702-00182

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 17<sup>th</sup> day of May in the year 2007

at

Sudhakar R Ganta  
(Signature of Inventor)

State of Michigan

County of Macomb

Before me personally appeared Sudhakar R. Ganta

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 17<sup>th</sup> day of May in the year 2007

DEANA DESMARAIIS  
Notary Public, State of Michigan  
County of Macomb  
My Commission Expires 06-25-2012  
acting in the county of MACOMB

Deana Desmarais  
(Notary Public)

Executed this 17<sup>th</sup> day of May in the year 2007

at

Graylon K Williams  
(Signature of Inventor)

State of Michigan

County 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 day of in the year

DEANA DESMARAIIS  
Notary Public, State of Michigan  
County of Macomb  
My Commission Expires 06-25-2012  
acting in the county of MACOMB

Deana Desmarais  
(Notary Public)

Executed this 16<sup>th</sup> day of May in the year 2007

at

Cory G Miller  
(Signature of Inventor)

State of Michigan

County of Oakland

Before me personally appeared Cory G. Miller

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 16<sup>th</sup> day of May in the year 2007

Deana Desmarais  
(Notary Public)