

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Packer Engineering, Inc.	08/06/2012
RECEIVING PARTY DATA	
Name:	Peter J. Schubert
Street Address:	540 East Miami Street
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46202
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7935176
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	13037
NAME OF SUBMITTER:	Brian C. Cholewa
Total Attachments: 3 source=Assignment from Packer to Schubert (executed)#page1.tif source=Assignment from Packer to Schubert (executed)#page2.tif source=Assignment from Packer to Schubert (executed)#page3.tif	

OP \$40.00 7935176

PATENT ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Packer Engineering, Inc.**, a corporation having its principal place of business at 1950 North Washington Street, Naperville, IL 60563 (the "ASSIGNOR") does hereby sell, assign and set over to **Peter J. Schubert**, an individual having his residence at 540 East Miami Street, Indianapolis, IN 46202 (the "ASSIGNEE"), ASSIGNOR'S entire right, title and interest for and in the patent applications and patents listed in Exhibit A, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any patents that may be granted for such inventions, or any of them, all such inventions and all rights in such patent application(s) and patents to be held and enjoyed by ASSIGNEE for his own use and enjoyment to the full end of the term or terms for which such patents are and may be granted, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment not been made.

ASSIGNOR agrees to execute all papers necessary in connection with the patent applications and patents in the United States and foreign countries and in all patent applications directly or indirectly claiming priority to the same, including continuation, continuation-in-part and divisional patent applications that are entitled to the priority date of the above-identified patent(s)/patent application(s), as well as foreign equivalents of the same, all patent issuing therefrom, including reissues and re-examinations, and to execute separate assignments in connection with such application as the ASSIGNEE may deem necessary or expedient.

ASSIGNOR covenants and agrees to cooperate with ASSIGNEE and execute all instruments or documents requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to the following: provisional, continuation, continuation-in-part, divisional, renewal or substitute, reissue, re-examination or extension. ASSIGNOR covenants and agrees to cooperate with ASSIGNEE in any interference, post-grant opposition or litigation regarding the invention, patents or applications regarding the invention, including testifying for the benefit of ASSIGNEE without further or other compensation than that provided in this Assignment.

ASSIGNOR covenants that no assignment, sale or agreement or encumbrance has been or will be entered into that would conflict with this Assignment.

ASSIGNOR requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States of America to ASSIGNEE, and requests that any official of a patent office in any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications, issue said Letters Patent, Utility Model Registration or Inventor's Certificate to ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR executed this Assignment at
Naperville this 6 day of August, 2012.
(City, State or Country if outside US)

Parker Group, Parker Engineering

ASSIGNOR

Ron Mrofka

Title:

Director of
Technology & Work
Environment of Parker Group
Parker

ACKNOWLEDGEMENT

On this 6th day of August, 2012, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Notary Public

Printed Name

County of

State of

My Commission Expires

Thomas H. Mowery
Cook
Illinois
9/12/13

Please sign in the presence of two witnesses when acknowledgement before a notary public is not feasible.

Charlotte L. Dattam
WITNESS 1.

[Signature]
WITNESS 2.

EXHIBIT A

1. US Patent Application No. 13/097,852 (titled "System and method for controlling char in biomass reactors "; filed 04/29/2011), which claims priority to US Provisional Patent Application No. 61/343,423 (titled "Means for control of char in biomass reactor"; filed 04/29/2010).
2. US Patent Application No. 12/760,241 (titled "Scalable biomass reactor and method"; filed 04/14/2010), which claims priority to US Provisional Patent Application No. 61/212,624 (titled "Scalable biomass reactor"; filed 04/14/2009).
3. US Patent Application No. 12/831,601 (titled "Biomass gasification/pyrolysis system and process"; filed 07/07/2010), which is a continuation-in-part of US Patent Application No. 12/760,241 (titled "Scalable biomass reactor and method"; filed 04/14/2010), which claims priority to US Provisional Patent Application Nos. 61/212,624 (titled "Scalable biomass reactor"; filed 04/14/2009) and 61/270,393 (titled "Production of medium BTU fuel a biomass gasssification/pyrolysis reactor"; filed 07/08/2009).
4. US Provisional Patent Application No. 61/343,424 (titled "Method and apparatus for efficient biomass pyrolysis"; filed 04/29/2010).
5. US Patent No. 7,935,176 (titled "Oxygen extraction apparatus and process"; issued 05/03/2011), which claims priority to US Provisional Patent Application No. 60/960,964 (titled "Supersonic dust roaster"; filed 10/26/2008).
6. US Patent No. 8,046,946 (titled "Shot-counting device for a firearm"; issued 11/01/2011), which claims priority to US Provisional Patent Application No. 60/836,977 (titled "Shot counter for self-loading firearms"; filed 08/11/2006).
7. US Patent Application No. 11/744,270 (titled "Solid-state hydrogen storage media and catalytic hydrogen recharging thereof"; filed 05/04/2007), which is a continuation of US Patent Application No. 10/824,719 (titled "Method and apparatus for storage of elemental hydrogen"; filed 04/15/2004; now abandoned), which claims priority to US Provisional Patent Application Nos. 60/474,721 (titled "Storage and retrieval of hydrogen using porous silicon"; filed 05/30/2003) and 60/477,156 (titled "Method and apparatus for the storage and retrieval of hydrogen for use with a hydrogen-based fuel cell"; filed 06/09/2003).
8. US Patent No. 7,721,601 (titled "Hydrogen storage tank and method of using"; issued 05/25/2010), which claims priority to US Provisional Patent Application No. 60/814,435 (titled "Hydrogen storage tank containing porous silicon"; filed 06/16/2006).
9. US Patent No. 7,833,428 (titled "Processes and apparatuses for producing porous materials"; issued 11/16/2010), which claims priority to US Provisional Patent Application No. 60/814,307 (titled "Process for producing porous silicon"; filed 06/16/2006).