

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hegeon Kwun</td> <td>10/31/2012</td> </tr> <tr> <td>Matthew Capps</td> <td>10/31/2012</td> </tr> <tr> <td>James Crane</td> <td>10/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hegeon Kwun	10/31/2012	Matthew Capps	10/31/2012	James Crane	10/31/2012
Name	Execution Date								
Hegeon Kwun	10/31/2012								
Matthew Capps	10/31/2012								
James Crane	10/31/2012								
RECEIVING PARTY DATA									
Name:	Southwest Research Institute								
Street Address:	6220 Culebra Road								
City:	San Antonio								
State/Country:	TEXAS								
Postal Code:	78238								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13621923</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13621923				
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Application Number:	13621923								
CORRESPONDENCE DATA									
Fax Number:	7045998719								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	704-599-8911								
Email:	bct@thl-iplaw.com								
Correspondent Name:	Trego, Hlnes & Ladenheim, PLLC								
Address Line 1:	9300 Harris Corners Parkway								
Address Line 2:	Suite 210								
Address Line 4:	Charlotte, NORTH CAROLINA 28269								
ATTORNEY DOCKET NUMBER:	1036/180US								
NAME OF SUBMITTER:	Brandon C. Trego								
Total Attachments: 2 source=1036-180US-Assig signed SwRI Inv#page1.tif source=1036-180US-Assig signed SwRI Inv#page2.tif									

OP \$40.00 13621923

ASSIGNMENT

For good and valuable consideration of which we acknowledge receipt, I/we:

(name)
Hegeon Kwun
Matthew Capps
James Crane

(residence)
San Antonio, TX, US
San Antonio, TX, US
San Antonio, TX, US

hereby sell and assign to:

Southwest Research Institute, 6220 Culebra Road, San Antonio, TX 78238

(hereinafter referred to as "Assignee"), its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the following United States Patent Application:

Serial No. (if known): 13/621,923

Filing Date (if known): September 18, 2012

Title: **APPARATUS AND METHOD FOR INSPECTION OF TUBES IN A BOILER**

And any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

WITNESS MY hand and seal this 31st day of October, 2012.

Hegeon Kwun
Hegeon Kwun

NOTARY ACKNOWLEDGMENT

STATE OF Texas COUNTY OF Bexar

I, Shirley E. McDonald, a Notary Public for said County and State do hereby certify that

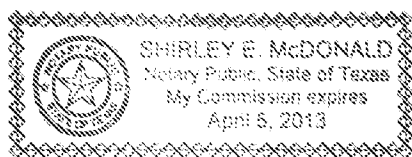
Hegeon Kwun appeared before me personally and signed the aforementioned Assignment.

This the 31st day of October, 2012.

Shirley E. McDonald
Notary Public

My Commission Expires 04/05/2013

SEAL



WITNESS MY hand and seal this 31st day of October, 2012.

Matthew Capps
Matthew Capps

NOTARY ACKNOWLEDGMENT

STATE OF Texas COUNTY OF Bexar

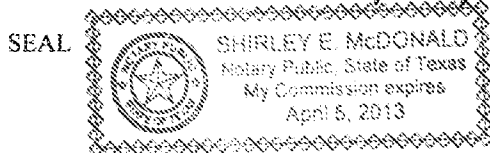
I, Shirley E. McDonald, a Notary Public for said County and State do hereby certify that

Matthew Capps appeared before me personally and signed the aforementioned Assignment.

This the 31st day of October, 2012.

Shirley E. McDonald
Notary Public

My Commission Expires 04/05/2013



WITNESS MY hand and seal this 31st day of October, 2012.

James Crane
James Crane

NOTARY ACKNOWLEDGMENT

STATE OF Texas COUNTY OF Bexar

I, Shirley E. McDonald, a Notary Public for said County and State do hereby certify that

James Crane appeared before me personally and signed the aforementioned Assignment.

This the 31st day of October, 2012.

Shirley E. McDonald
Notary Public

My Commission Expires 04/05/2013

