

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2982401

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHER GUSEK	04/28/2014
FRANK EISNER	04/29/2014
JOACHIM HUELSTRUNG	04/28/2014
FRED JINDRA	07/25/2014
BERT-HEINER WILLEKE	07/29/2014
MARC BLUMENAU	07/30/2014
MARKUS KOVAC	04/28/2014
GERD JENDRISCHIK	05/05/2014
ALFRED PEITZ	05/06/2014
RUDOLF SCHOENENBERG	07/29/2014
JOERG ADLER	04/30/2014
HEIKE HEYMER	04/30/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	THYSSENKRUPP STEEL EUROPE AG
<b>Street Address:</b>	KAISER-WILHELM-STRASSE 100
<b>City:</b>	DUISBURG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	47166
<b>Name:</b>	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
<b>Street Address:</b>	HANSASTRASSE 27C
<b>City:</b>	MUENCHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	80686

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14130855

**CORRESPONDENCE DATA**

**Fax Number:** (703)716-1180

**PATENT**

**Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.**

**Phone:** 7037161191  
**Email:** gbpatent@gbpatent.com  
**Correspondent Name:** GREENBLUM & BERNSTEIN, P.L.C.  
**Address Line 1:** 1950 ROLAND CLARKE PLACE  
**Address Line 4:** RESTON, VIRGINIA 20191

<b>ATTORNEY DOCKET NUMBER:</b>	P44814
<b>NAME OF SUBMITTER:</b>	JONATHAN R. MILLER
<b>SIGNATURE:</b>	/Jonathan R. Miller/
<b>DATE SIGNED:</b>	08/14/2014

**Total Attachments: 13**

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ASSIGNMENT

WHEREAS, **Christopher GUSEK**, a citizen of GERMANY, whose post office address is Birkenstrasse 30, Iserlohn, 58644 GERMANY, **Frank EISNER**, a citizen of GERMANY, whose post office address is Albert-Jentzsch-Strasse 87, Chemnitz, 09127 GERMANY, **Joachim HUELSTRUNG**, a citizen of GERMANY, whose post office address is Am Puettkamp 50, Duesseldorf, 40629 GERMANY, **Fred JINDRA**, a citizen of GERMANY, whose post office address is Am Rueberg 7, Lennestadt, 57368 GERMANY, **Bert-Heiner WILLEKE**, a citizen of GERMANY, whose post office address is Am Kippel 3, Lennestadt, 57368 GERMANY, **Marc BLUMENAU**, a citizen of GERMANY, whose post office address is Freiheitsstrasse 40, Hagen, 58119 GERMANY, **Markus KOVAC**, a citizen of GERMANY, whose post office address is Duwenkamp 1a, Bochum, 44866 GERMANY, **Gerd JENDRISCHIK**, a citizen of GERMANY, whose post office address is Haselnussweg 10, Dinslaken, 46535 GERMANY, **Alfred PEITZ**, a citizen of GERMANY, whose post office address is Kranichweg 27, Oberhausen, 46145 GERMANY, **Rudolf SCHOENENBERG**, a citizen of GERMANY, whose post office address is Westendorfstrasse 50, Hemer, 58675 GERMANY, **Joerg ADLER**, a citizen of GERMANY, whose post office address is Schlossstufen 2, Meissen, 01662 GERMANY, and **Heike HEYMER**, a citizen of GERMANY, whose post office address is Gostritzer Strasse 33a, Dresden, 01217 GERMANY, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**DEVICE FOR REDUCING PRESSURE IN HOLLOW BODIES IN MEDIA AT HIGHER TEMPERATURES**

for which an application for Letters Patent in the United States entered the National Stage in the United States Patent and Trademark Office on January 03, 2014 and was awarded Application No. **14/130,855**, and which Application is a National Stage of International Application No. **PCT/EP2012/062729**, filed June 29, 2012.

AND WHEREAS, **THYSSENKRUPP STEEL EUROPE AG**, a corporation organized and existing under the laws of GERMANY, whose post-office address is Kaiser-Wilhelm-Strasse 100, Duisburg, 47166 GERMANY and **FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.**, a corporation organized and existing under the laws of GERMANY, whose post-office address is Hansastrasse 27c, Muenchen, 80686 GERMANY, hereinafter known as the ASSIGNEES, are each desirous of acquiring an equal undivided interest in the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEES, their assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEES and their assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from

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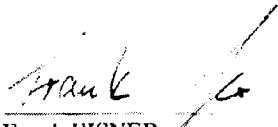


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Page 3

  
(Name)

29.04.14  
(Date)

  
Frank EISNER

29.04.2014  
Date

Second Witness:

\_\_\_\_\_  
(Name)

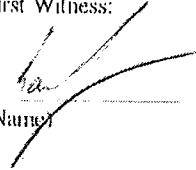
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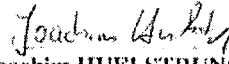
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First Witness:

  
\_\_\_\_\_  
(Name)

28.04.14  
\_\_\_\_\_  
(Date)

  
Joachim HUELSTRUNG

28.04.14  
\_\_\_\_\_  
Date

Second Witness:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

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First Witness:

Page 5

  
\_\_\_\_\_  
(Name)

25.07.14  
(Date)

  
\_\_\_\_\_  
Fred HINDRA

25.07.2014  
Date

Second Witness:

\_\_\_\_\_  
(Name)

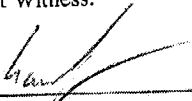
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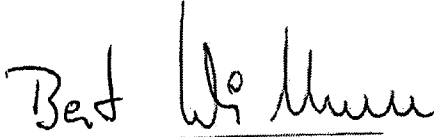
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Page 6

First Witness:

  
(Name)

29.07.11  
(Date)

  
Bert-Heiner WILLEKE  
29/7. 2011  
Date

Second Witness:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

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First Witness:

*[Handwritten Signature]*  
(Name)

30.07.14  
(Date)

*Marc Blumena*

Marc BLUMENAU

30 - July - 2014  
Date

Second Witness:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

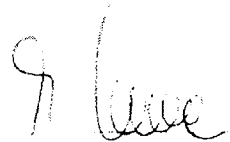
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Page 8

First Witness:

  
\_\_\_\_\_  
(Name)

28.06.14  
\_\_\_\_\_  
(Date)

  
**Markus KOVAC**  
28.06.2014  
\_\_\_\_\_  
Date

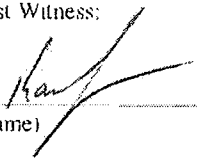
Second Witness:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

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First Witness:

  
.....  
(Name)

05.05.14  
.....  
(Date)

  
.....  
Gerd JENDRISCHIK  
05.05.14  
.....  
Date

Second Witness.

.....  
(Name)

.....  
(Date)

First Witness:

  
\_\_\_\_\_  
(Name)

06.05.14  
\_\_\_\_\_  
(Date)



Alfred PEITZ

6.5.2014  
Date

Second Witness:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

First Witness:

*[Signature]*  
(Name)

29.07.14  
(Date)

*[Signature]*  
Rudolf SCHOENENBERG  
07/29 2014  
Date

Second Witness:

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

First Witness:

Uwe Ptasch  
(Name) *Dr. Uwe Ptasch*

2014-04-30  
(Date)

J. Adler  
Jörg ADLER  
2014-04-30  
Date

Second Witness:

M. Zimmermann  
(Name) *Marcel Zimmermann*

2014-04-30  
(Date)

First Witness:

Uwe Petasch  
(Name) Dr. Uwe Petasch

2014-04-30  
(Date)

Heike Heymer  
Heike HEYMER

2014-04-30  
Date

Second Witness:

Marcel Zimmermann  
(Name) Marcel Zimmermann

2014-04-30  
(Date)