

PATENT ASSIGNMENT

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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>Uwe STEIN</td> <td>04/10/2012</td> </tr> <tr> <td>Jens EILERS</td> <td>04/10/2012</td> </tr> <tr> <td>Fergus MCINTYRE</td> <td>04/10/2012</td> </tr> <tr> <td>Gordon VOLLER</td> <td>04/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Uwe STEIN	04/10/2012	Jens EILERS	04/10/2012	Fergus MCINTYRE	04/10/2012	Gordon VOLLER	04/10/2012
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<table border="1"> <tr> <td>Name:</td> <td>MITSUBISHI HEAVY INDUSTRIES, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>16-5, Konan 2-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-8215</td> </tr> </table>		Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	Street Address:	16-5, Konan 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-8215
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PROPERTY NUMBERS Total: 1											
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Application Number:	13390703										
CORRESPONDENCE DATA											
<p>Fax Number: (703)519-7769 Phone: 703-519-9785 Email: bjhgroup@ipfirm.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: KANESAKA BERNER AND PARTNERS LLP Address Line 1: 1700 DIAGONAL RD Address Line 2: SUITE 310 Address Line 4: ALEXANDRIA, VIRGINIA 22314-2848</p>											
ATTORNEY DOCKET NUMBER:	TMP-104										
NAME OF SUBMITTER:	Benjamin J. Hauptman										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13390703

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|--------------------|------------------|
| 1) Uwe STEIN | 4) Gordon VOLLER |
| 2) Jens EILERS | |
| 3) Fergus MCINTYRE | |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

MITSUBISHI HEAVY INDUSTRIES, LTD. having a place of business at **16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 Japan**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

FACE SEALING ANNULAR VALVE

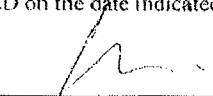

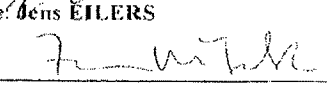
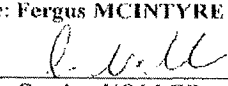
(a) for which an application for United States Letters Patent was filed on February 16, 2012, and identified by United States Patent Application No. 13/390,703; or

(b) for which an application for United States Letters Patent was executed on _____.

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE:

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1)  Name: Uwe STEIN	
2)  Name: Jens EILERS	
3)  Name: Fergus MCINTYRE	
4)  Name: Gordon VOLLER	

	10.04.12 Date:
	10/04/2012 Date:
	10/04/2012 Date:
	10/4/2012 Date: