

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2795943

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DR. ABDELRAHMAN NASR SHUAIB	01/29/2014
DR. NESAR MERAH	01/29/2014
DR. FADI A.A. AL-BADOUR	01/28/2014
DR. ABDELAZIZ BAZOUNE	01/29/2014
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<b>Postal Code:</b>	11442
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14242836
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	35000.93

PATENT

<b>NAME OF SUBMITTER:</b>	ROBERT B. LYONS
<b>SIGNATURE:</b>	/ROBERT B. LYONS REG. 40708/
<b>DATE SIGNED:</b>	04/01/2014
<b>Total Attachments: 2</b> source=35000_93_ASSIGNMENT#page1.tif source=35000_93_ASSIGNMENT#page2.tif	

ASSIGNMENT

WHEREAS, ABDELRAHMAN NASR SHUAIB, a citizen of Sudan, residing at/whose address is KFUPM, MECHANICAL ENGINEERING DEPT., P.O. BOX 5069, DHAHRAN 31261, SAUDI ARABIA; NESAR MERAH, a citizen of Canada, residing at/whose address is KFUPM, MECHANICAL ENGINEERING DEPT., P.O. BOX 1758, DHAHRAN 31261, SAUDI ARABIA; FADI A.A. Al- BADOUR, a citizen of Jordan, residing at/whose address is KFUPM, P.O. BOX 1381, DHAHRAN 31261, SAUDI ARABIA; and ABDELAZIZ BAZOUNE, a citizen of Algeria, residing at/ whose address is KFUPM, MECHANICAL ENGINEERING DEPT., P.O. BOX 5069 DHAHRAN 31261, SAUDI ARABIA, hereinafter called the "Assignor(s)", who presently own(s) the invention entitled APPARATUS FOR JOINT SEALING USING TUBE EXPANSION AND FRICTION WELDING, for a full description of which reference is made to a nonprovisional application for Letters Patent of the United States Serial Number \_\_\_\_\_ (to be assigned) filed on \_\_\_\_\_, 20\_\_\_\_, (filed herewith under Attorney Docket No. 35000.93), and

WHEREAS, KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, a university organized and existing under the laws of the Kingdom of SAUDI ARABIA, having its principal place of business/business address at P.O. BOX 5041, DHAHRAN, 31261, SAUDI ARABIA, and KING ABDULAZIZ CITY FOR SCIENCE AND TECHNOLOGY, a foundation organized and existing under the laws of SAUDI ARABIA, having its principal place of business/business address at P.O. BOX 6086, RIYADH 11442, SAUDI ARABIA, hereinafter called the "Assignees", are desirous of acquiring the entire right, title and interest in and to said invention, the above noted application, and to any Letters Patent which may be obtained for said invention, and as hereinafter more fully set forth,


NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for and in the consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by said Assignor(s) from said Assignee is hereby acknowledged, the said Assignor(s) has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, the entire right, title and interest in the United States to the invention and above noted application, and in and to any division, continuation, or continuation-in-part of said application, and in and to any Letters Patent of the United States and reissues and extensions thereof that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor in all countries foreign to the United States; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue.

AND the said Assignor(s) does/do hereby covenant and agree, for himself/themselves and his/their legal representatives, that he/they will assist said Assignee in making and prosecuting any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinbefore set forth, investing in the said Assignee like exclusive title in and to all such other applications and Letters Patent, together with all claims for

damages and profits by reason of past infringement of all or any of the patents issuing from the Patent Application, with the right to sue for and collect same for Assignee's own use (and for the use of Assignee's successors and assigns); and in the prosecution of any interference which may arise involving said invention, or any application for Letters Patent herein contemplated; and that he/they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this agreement.

AND the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this agreement.

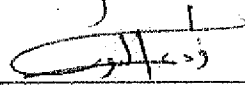
IN TESTIMONY WHEREOF, said Assignor, ABDELRAHMAN NASR SHUAIB , has hereunto set his hand and affixed his seal this 29<sup>th</sup> day of January, 2014.

  
[SEAL]  
ABDELRAHMAN NASR SHUAIB

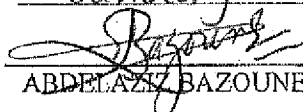
IN TESTIMONY WHEREOF, said Assignor, NESAR MERAH , has hereunto set his hand and affixed his seal this 29<sup>th</sup> day of January, 2014.

  
[SEAL]  
NESAR MERAH

IN TESTIMONY WHEREOF, said Assignor, FADI A.A. AL- BADOUR , has hereunto set his hand and affixed his seal this 28<sup>th</sup> day of January, 2014.

  
[SEAL]  
FADI A.A. AL- BADOUR

IN TESTIMONY WHEREOF, said Assignor, ABDELAZIZ BAZOUNE , has hereunto set his hand and affixed his seal this 29<sup>th</sup> day of January, 2014.

  
[SEAL]  
ABDELAZIZ BAZOUNE