

## 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>Neel Sirosch</td> <td>12/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Neel Sirosch	12/12/2012
Name	Execution Date				
Neel Sirosch	12/12/2012				
RECEIVING PARTY DATA					
Name:	Quantum Fuel Systems Technologies Worldwide Inc.				
Street Address:	25242 Arctic Ocean Drive				
City:	Lake Forest				
State/Country:	CALIFORNIA				
Postal Code:	92630				
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>13714700</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13714700
Property Type	Number				
Application Number:	13714700				
CORRESPONDENCE DATA					
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Total Attachments: 1 source=pat1962assign#page1.tif					

OP \$40.00 13714700

**ASSIGNMENT**

INVENTOR: Neel Sirosh, Ph.D.

For good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby does assign, transfer and set over to Quantum Fuel Systems Technologies Worldwide Inc., having an address of 25242 Arctic Ocean Drive, Lake Forest, CA 92630 (hereinafter designated the "Assignee") the entire worldwide right, title and interest in the invention known as Concentric Shells for Compressed Gas Storage, as embodied in the application filed herewith, and for which the undersigned have executed an application for patent in the United States of America on December 12, 2012.

The undersigned agree to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.

The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or continuing applications thereof to Assignee, as Assignee of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute any agreement in conflict herewith.

The undersigned hereby grant RAYMOND SUN, Reg. No. 35,699, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

Dated: December 12, 2012

Signature:   
Neel Sirosh, Ph.D.