

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREW WOODS	01/31/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATAGEN LIMITED
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<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	B13 9DT
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16332637
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	36743US(FRK0005-00US)
<b>NAME OF SUBMITTER:</b>	STEPHEN A. SEACH, JR.
<b>SIGNATURE:</b>	/Stephen A. Seach, Jr., Reg. #79181/
<b>DATE SIGNED:</b>	01/31/2023
<b>Total Attachments: 4</b>	
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### ASSIGNMENT

WHEREAS, We, Andrew Woods, residing at 37 Cranmore Park, Belfast County, Antrim BT9 6JF, United Kingdom; Jonathan Stewart, residing at 3 Woodvale, Dromara, Dromore County, Down BT25 2JA, United Kingdom; Richard O'Shaughnessy, residing at 7 Lismoyle, Belfast County, Antrim BT15 4EQ, United Kingdom; and Rose Mary Stalker, residing at 9b Chapel Road, Glenavy County, Antrim BT29 4LY, United Kingdom, made certain new and useful inventions and improvements for which we filed an international patent application on September 12, 2017, which application was assigned PCT patent application serial number PCT/EP2017/072946 claiming priority to GB1615561.6 filed on September 13, 2016, and an application for Letters Patent of the United States on March 12, 2019, which application was assigned U.S. patent application serial number 16/332,637, and is entitled TEST SYSTEM WITH RECIRCULATING FLUID REACTOR;

AND WHEREAS, Catagen Limited, a company incorporated under the laws of Northern Ireland and having an office and place of business at 5 Elmbank, Channel Commercial Park, Queen's Road, Belfast, BT3 9DT, United Kingdom (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, We have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and We do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, We do hereby agree that We and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and at no cost to me will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, We covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Docket No. FRK0005-00US

Serial Number : 16/332,637


Filing Date : March 12, 2019

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I further authorize and direct the ASSIGNEE and its attorneys to insert above the application number of said application now identified as Docket No. FRK0005-00US as soon as the same shall have been made known to them by the U.S. Patent and Trademark Office.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of  
January, 2023.



Andrew Woods

RA Singco  
Witness Signature

Ruby Anne Singco  
Witness Name