PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	06/18/2001	

CONVEYING PARTY DATA

Name	Execution Date
JOHN GRAEME HOUSTON	06/18/2001
JOHN BRUCE CAMERON DICK	06/18/2001
PETER STONEBRIDGE	06/18/2001

RECEIVING PARTY DATA

Name:	TAYSIDE UNIVERSITY HOSPITALS NHS TRUST	
Street Address:	NINEWELLS HOSPITAL & MEDICAL SCHOOL	
Internal Address:	DUNDEE	
City:	TAYSIDE	
State/Country:	SCOTLAND	
Postal Code:	DD1 9SY	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10650217

CORRESPONDENCE DATA

Fax Number: (800)404-3970

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.

Email: docketing@bracewelllaw.com

Correspondent Name: BRACEWELL LLP Address Line 1: PO BOX 61389

Address Line 4: HOUSTON, TEXAS 77208-1389

ATTORNEY DOCKET NUMBER:	081421.000002	
NAME OF SUBMITTER:	KEITH R. DERRINGTON	
SIGNATURE:	/Keith R. Derrington/	
DATE SIGNED:	07/11/2017	

Total Attachments: 2

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PATENT 504451683 REEL: 042977 FRAME: 0212

ASSIGNMENT

WHEREAS, we, John Graeme Houston, a citizen of Great Britain and a resident of Bishops House, Fairmount Road, Perth, Tayside, Scotland, PH2 7AW, GB and John Bruce Cameron Dick, a citizen of Great Britain and a resident of Westmill by Kinnaird, Perth, Tayside, Scotland, PH14 9QT, GB and Peter Stonebridge, a citizen of Great Britain and a resident of 7 Glebe Terrace, Perth, Tayside, Scotland, PH2 7AG, GB have made an invention in:

BLOOD FLOW TUBING

for which we have executed an application for United States Letters Patent on the John day of JUNE, 2001; respectively.

WHEREAS, we represent and warrant that we are the owners of said invention and application for Letters Patent;

WHEREAS, Tayside University Hospitals NHS Trust, a British corporation, having its principal office at Ninewells Hospital & Medical School, Dundee, Tayside, Scotland, DD1 9SY, GB, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and world-wide rights therein, (b) said applications, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.

We covenant and agree that we will, at any time upon the request and at the expense of

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said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, its successors, and assigns, to said invention, applications and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue all Letters Patent based on said applications and all said divisions, continuations, continuations-in-part, reissues, renewals and extensions to said ASSIGNEE, its successors, and assigns.

IN TESTIMONY WHEREOF, we have duly executed this assignment this & day of JUNE, 2001 respectively.

John Graeme HOUSTON

John Bruce Cameron DICK

Peter STONEBRIDGE

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RECORDED: 07/11/2017