505103658 09/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5150417

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER SIMON HAYWARD	05/01/2017

RECEIVING PARTY DATA

Name:	ST. VINCENT'S HOSPITAL SYDNEY LIMITED
Street Address:	VICTORIA STREET
Internal Address:	DARLINGHURST
City:	NEW SOUTH WALES
State/Country:	AUSTRALIA
Postal Code:	2010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15513519

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	103113.0002US
NAME OF SUBMITTER:	STEVEN R. CASTANEDA
SIGNATURE:	/Steven R. Castaneda/
DATE SIGNED:	09/20/2018

Total Attachments: 1

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PATENT 505103658 REEL: 046927 FRAME: 0395

US PATENT

Attorney Docket Number: 103113.0002US

ASSIGNMENT

WHEREAS, I/WE

Christopher Simon HAYWARD, of 47 Mary St, Longueville, New South Wales 2066 Australia hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in "Method and apparatus for determining aortic valve opening"

the specification of which:

(a)	[]	was executed on even date herewith;
(b)	[]	was filed on as United States Patent Application No
or		
		[] Express Mail No., as Application No. not yet known
		and was amended on(If applicable); or
(c)	[X]	was described and claimed in PCT International Application
		No. PCT/AU2015/050566 filed on 22 September 2015 and as amended
		under PCT Article 19 on (if any) and/or under PCT Article 34 on (if
		any).
AND WHERE	AS,	
St Vincent's Australia	: Hospital	Sydney Limited, of Victoria Street, Darlinghurst, New South Wales, 2010
(hereinafter	referred to	as Assignee) desires to acquire the entire rights, title, and interest in and to the

<u>A</u> (1 said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over. and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements In the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 1st day of MAY, 2017 Signature of Christon Signature of Christopher Simon HAYWARD

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RECORDED: 09/20/2018