505103687 09/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5150446

CONVEYING PARTY DATA

Name	Execution Date
MARCUS GRANEGGER	05/08/2017
FRANCESCO MOSCATO	05/11/2017
HEINRICH SCHIMA	05/31/2017

RECEIVING PARTY DATA

Name:	MEDICAL UNIVERSITY OF VIENNA
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City:	A-1090 VIENNA
State/Country:	AUSTRIA

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15513519	

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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: 2

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PATENT 505103687 REEL: 046927 FRAME: 0539

US PATENT

Attorney Docket Number: 103113.0002US

ASSIGNMENT

WHEREAS, I/WE

the specification of which:

Marcus GRANEGGER, of Gottschallgasse 17, A-2380 Perchtoldsdorf, Austria

Francesco MOSCATO, of Schulgasse 35/2/14, A-1180 Vienna, Austria

Heinrich SCHIMA, of Koernergasse 7/9, A-1020 Vienna, Austria

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 acrtic valve opening"

	(a) (b) or	[]	was executed on even date herewith; was filed on as United States Patent Application No
	(c)	[X]	[] Express Mail No., as Application No. not yet known and was amended on
AND WE	HEREA	۱S,	**
Medical	Uni	versity	f Vienna, of Spitalgasse 23, A-1090 Vienna, Austria
e 2	A-1	-	6 7 2 C

(hereinafter referred to as Assignee) desires to acquire the entire rights, title, and interest in and to the 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 A day of	May , 2017	
	ŧ.	Signature of Marcus/GRANEGGER
3 Thallen	The state of the s	v

PATENT REEL: 046927 FRAME: 0540 1

US PATENT Attorney Docket Number: 103113,0002US

This 11 day of VAY 2017 Signature of Francesco MOSCATO

CMRASTORA GROSS
Witnessy

a 31 a May a SPCL

Signature of Meinrich SCHIMA

Witness

FRIEDRICH HAINZL