505423241 04/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5470032

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STUART HART	08/09/2016
SUSANA LAI-YUEN	09/07/2016
ERIN MOREE	08/28/2013
JAMES DOULGERIS	09/30/2013
BENJAMIN TAYLOR NELSON	06/06/2013
GRAHM ROACH	07/14/2016
BRANDON KRUSE	08/12/2013

RECEIVING PARTY DATA

Name:	UNIVERSITY OF SOUTH FLORIDA	
Street Address:	3802 SPECTRUM BLVD.	
Internal Address:	SUITE 100	
City:	ТАМРА	
State/Country:	FLORIDA	
Postal Code:	33612	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16380585

CORRESPONDENCE DATA

Fax Number:	(800)	726-1491	
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.			
Phone:	8139258505		
Email:	patents@smithhopen.com		
Correspondent Name:	SMITH & HOPEN, P.A.		
Address Line 1:	180 PINE AVENUE NORTH		
Address Line 4:	OLDS	OLDSMAR, FLORIDA 34677	
ATTORNEY DOCKET NUMBER: 1372.797.PRWOUSCN2		1372.797.PRWOUSCN2	
NAME OF SUBMITTER: ANDRIY LYTVYN		ANDRIY LYTVYN	
SIGNATURE: /andriy lytvyn/		/andriy lytvyn/	

DATE SIGNED:	04/11/2019		
Total Attachments: 13			
source=Hart - Executed Assignment as	filed#page1.tif		
source=Hart - Executed Assignment as	filed#page2.tif		
source=Hart - Executed Assignment as	source=Hart - Executed Assignment as filed#page3.tif		
source=Lai-Yuen - Executed Assignment	t as filed#page1.tif		
source=Lai-Yuen - Executed Assignment	source=Lai-Yuen - Executed Assignment as filed#page2.tif		
source=Lai-Yuen - Executed Assignment as filed#page3.tif			
source=Moree - Executed Assignment as filed#page1.tif			
source=Doulgeris - Executed Assignment as filed#page1.tif			
source=Nelson - Executed Assignment as filed#page1.tif			
source=Roach - Executed Assignment as filed#page1.tif			
source=Roach - Executed Assignment as filed#page2.tif			
source=Roach - Executed Assignment as filed#page3.tif			
source=Kruse - Executed Assignment as filed#page1.tif			

ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

Assignor	Post Office Address of Assignor
Stuart Hart	8419 Dunham Station Drive Tampa, Florida 33647
Susana Lai-Yuen	5125 Palm Springs Blvd., Apt. 15204 Tampa, Florida 33647
Erin Moree	5004 E. Fowler Avenue, Suite C, Box 135 Tampa, Florida 33617
James Doulgeris	6151 NW 42 Terr Coconut Creek, FL 33073
Benjamin Taylor Nelson	13223 Sanctuary Cove Drive, Apt. 534 Tampa, Florida 33637
Grahm Roach	111 Aspen Lane San Antonio, Texas 78232
Brandon Kruse	10301 North Armenia Avenue Tampa, Florida 33612
Assignee	Principal Place of Business of Assignee
University of South Florida	3802 Spectrum Blvd., Suite 100 Tampa, Florida 33612

WHEREAS, I, the above-identified Assignor, am an applicant in the following U.S. patent application:

Serial Number	Title	Date of Filing
15/200,730	INCISION-LESS LAPAROSCOPIC INSTRUMENT	July 1, 2016

Hereinafter referred to as the "patent application";

Assignment of Rights in Patent Application for 15/200,730 Page 1 of 3

And, whereas I desire to assign a 100% undivided interest in said patent application to the above-identified Assignee, and wherein said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for value received, the receipt and sufficiency whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee, together with all claims for damages and profits by reason of any past infringement of said letters patent and the right to sue therefor, and together with the right to file said patent application or any division, continuation, or continuation-in-part thereof in the United States or in any foreign jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights, to be held and enjoyed by the Assignee for its own use and for its successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, renewals, or extensions thereof as may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said patent application;

And I further covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments, declarations, or affidavits required to apply for, obtain, maintain, and enforce said patent application or patent issuing therefrom which may be necessary or desirable to carry out the purposes hereof;

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

[SIGNATURE PAGE FOLLOWS]

Assignment of Rights in Patent Application for 15/200,730 Page 2 of 3

	Mu
Stuart Hart Date:	8-9-16

Susana Lai-Yuen Date:

Erin Moree Date:_____

James Doulgeris Date:

Benjamín Taylor Nelson Date:_____

Grahm Roach Date:

Brandon Kruse
Date:

Assignment of Rights in Patent Application for 15/200,730 Page 3 of 3

ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

Assignor	Post Office Address of Assignor	
Stuart Hart	8419 Dunham Station Drive Tampa, Florida 33647 7828 Tuscany Woods Dr. SKLY	
Susana Lai-Yuen	5125-Palm-Springs-Blvd.,-Apt15204 Tampa, Florida 33647	
Erin Moree	5004 E. Fowler Avenue, Suite C, Box 135 Tampa, Florida 33617	
James Doulgeris	206 Martha Lane Oldsmar, Florida 34677	
Benjamin Taylor Nelson	13223 Sanctuary Cove Drive, Apt. 534 Tampa, Florida 33637	
Grahm Roach	111 Aspen Lane San Antonio, Texas 78232	
Brandon Kruse	10301 North Armenia Avenue Tampa, Florida 33612	
Assignee	Principal Place of Business of Assignee	
University of South Florida	3802 Spectrum Blvd., Suite 100 Tampa, Florida 33612	

WHEREAS, I, the above-identified Assignor, am an applicant in the following U.S. patent application:

<u>Serial Number</u>	Title	Date of Filing
15/200,730	INCISION-LESS LAPAROSCOPIC INSTRUMENT	July 1, 2016

Hereinafter referred to as the "patent application";

Assignment of Rights in Patent Application for 15/200,730 Page 1 of 3

And, whereas I desire to assign a 100% undivided interest in said patent application to the above-identified Assignee, and wherein said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for value received, the receipt and sufficiency whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee, together with all claims for damages and profits by reason of any past infringement of said letters patent and the right to sue therefor, and together with the right to file said patent application or any division, continuation, or continuation-in-part thereof in the United States or in any foreign jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights, to be held and enjoyed by the Assignee for its own use and for its successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, renewals, or extensions thereof as may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said patent application;

And I further covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I further covenant that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments, declarations, or affidavits required to apply for, obtain, maintain, and enforce said patent application or patent issuing therefrom which may be necessary or desirable to carry out the purposes hereof;

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Upon being duly cautioned, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that false statements and the like so made are punishable by fine, imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the patent application and any patent issuing therefrom.

[SIGNATURE PAGE FOLLOWS]

Assignment of Rights in Patent Application for 15/200,730 Page 2 of 3

Stuart Hart Date:_____

Susana Lai-Yuen Date:__________9/7/2016

Erin Moree Date:

James Doulgeris Date:_____

Benjamin Taylor Nelson Date:_____

_____ Grahm Roach Date:_____

Brandon Kruse Date:_____

Assignment of Rights in Patent Application for 15/200,730 Page 3 of 3

Submitted for dual purpose of recording an assignment.
 A copy of this assignment will be submitted separately to the Recording Branch.

		Altorney Docket No.
Title of Invention INCISION-LESS LAPAROSCOPIC INSTRUMENT		1372.797.PRWOUS
	Client Reference No.	
		10A062PRWOUS_Hart
As the below	v named inventor, I hereby declare that:	
This declara		
is directed t		000000
	United States application or PCT International application number <u>136</u> 1014/00140	190202
	filed on	
l believe tha I hereby ack	dentified application was made or authorized to be made by me. t I am the original inventor or an original joint inventor of a claimed invention in the ap nowledge that any willful false statement made in this declaration is punishable unde prisonment of not more than five (5) years, or both.	
	ASSIGNMENT OF RIGHTS IN PATENT APPLICATION	
Assignee(s	^{):} University of South Florida)
ł	3802 Spectrum Blvd, Suite 100	
	Tampa, Florida 33612	
patent and if part thereof i held and enji- from said pait the same wo lawfui future present to m has been or its request, b to me and i to legal represe patent applic executed in instrument. fine, imprisor	ation, unto said Assignee(s), together with all claims for damages and profits by reason of any p ise right to sue therefor, and together with the right to file said patent application or any division, in any foreign jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such into yoyed by the Assignee(s) for its own use and for its successors and assigns, to the full and of the tent application may be granted, and any reissues, renewals, or extensions thereof as may be g uld have been held by Assigner had this Assignment and sale not been made; and I further agri- documents, including assignments in favor of Assignae(s), or its designees as Assignee or its A is in order to perfect title in said patent application; and I further covenant that no assignment, si will be made or entered into which would conflict with this assignment and sale; and I further or e provided promptly with all pertinent facts and documents relating to said patent application will testify to the same in any proceeding or litigation related thereto and will promptly execute at infatives any and all papers, instruments, declarations, or affidavits required to apply for, obtain, ation or patent issuing therefrom which may be necessary or desirable to carry out the purpose one or more counterparts, each of which shall be deemed an original, but all of which together s Upon being duly cautioned. I hereby declare that all statements made herein of my own knowle made on information and belief are believed to be true and further that false statements and the timent or both under Section 1001 of Title 18 of the United States Code, and that such willful, fa f the patent application and any patent issuing therefrom.	continuation, or continuation-in- erests, claims, and rights, to be term for which a patent issuing rranted, as fully and entirely as be to execute all necessary and asignees may from time-to-time ale, agreement, or encumbrance overant that Assignee(s) will, upon r may be known and accessible ad deliver to Assignee(s) or its maintain, and enforce said s hereof; this Assignment may be hall constitute one and the same dge are true and that all like so made are punishable by
LEGAL NA	ME OF INVENTOR AND ASSIGNOR:	· .
Inventor:	Erin Moree Date: "Aug	28,2013
<pre>Signature:</pre>		
	ication data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, musi anal form for each additional inventor.	t accompany this form.



• Submitted for dual purpose of recording an assignment.

A copy of this assignment will be submitted separately to the Recording Branch.

Title of		Attorney Docket No.			
Invention	INCISION-LESS LAPAROSCOPIC INSTRUMENT	1372.797.PRWOUS			
		Client Reference No. 10A062PRWOUS_Hart			
As the belo	w named inventor, I hereby declare that:				
This declar					
	United States application or PCT international application number <u>136</u>	93252			
	filed on				
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
	ASSIGNMENT OF RIGHTS IN PATENT APPLICATION				
Assignee(s): University of South Florida 3802 Spectrum Blvd, Suite 100 Tampa, Florida 33612					
desirous of acquiring the entire right, title and interest in the same; for value received, the receipt and sufficiency whereof is hereby acknowl- edged; I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee(s), together with all claims for damages and profits by reason of any past infringement of said letters patent and the right to sue therefor, and together with the right to file said patent application or any division, continuation, or continuation-in- part thereof in any foreign jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights, to be held and enjoyed by the Assignee(s) for its own use and for its successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, renewals, or extensions thereof as may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made; and I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee(s), or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said patent application; and I further covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and I further covenant that Assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any proceeding or litigation related thereto and will promptly execute and deliver to Assignment may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Upon being duly cautioned, I hereby de					
LEGAL N	AME OF INVENTOR AND ASSIGNOR:				
Inventor:	James Doulgeris Date: 9/30/201	3			
Signature	James Doulgeris _{Date:} 9/30/201 James Doulgeris	· · · · · · · · · · · · · · · · · · ·			
Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.					
		B861 FRAME: 0606			

Submitted for dual purpose of recording an assignment,

A copy of this assignment will be submitted separately to the Recording Branch.

Title of Invention	INCISION-LESS LAPAROSCOPIC INSTRUMENT	Attorney Docket No.			
		1372.797.PRW(
		Client Reference No.			
		10A062PRWOU			
As the belo	w named inventor, I hereby declare that:				
This declar is directed	1) The anarmen annurannu nu				
	United States application or PCT international application number <u>136</u>	93252			
	filed on 12/4/2012				
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
	ASSIGNMENT OF RIGHTS IN PATENT APPLICATION				
Assignee(s): University of South Florida 3802 Spectrum Blvd, Suite 100 Tampa, Florida 33612 I desire to assign a 100% undivided interest in said patent application to the above-identified Assignee(s), and wherein said Assignee(s) is desirous of acquiring the entire right, tille and interest in the same; for value received, the receipt and sufficiency whereof is hereby acknowl- edged: I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, tilte, and interest in and to said patent application, unto said Assignee(s), together with the right to file said patent application or any division, continuation, in- patent application unto said Assignee(s), together with the right to file said patent application or any division, continuation, or patent application unto said Assignee(s) for its own use and for its successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, renewals, or extensions thereof a may foreign jurisdiction under the Paris Convention or the Patent Cooperations there of a stally and entirely as the same would have been held by Assignor that this Assignment and sale not been made; and 1 further agree to excute all in cessary and lawful future documents, including assignments in favor of Assignee(s), or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect tille in said patent application; and I further covenant that Assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any proceeding or lifegition related thereto and will promptly execute and deliver to Assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said patent application as may be known and accessible to me and I will testify to the same in any proceeding or lifegition rela					
LEGAL NAME OF INVENTOR AND ASSIGNOR:					
Inventor: Benjamin Taylor Nelson Date: 06/06/2013					
Signature: Benjamin Taylor Un					
Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor. PATENT					

REEL: 048861 FRAME: 0607

ASSIGNMENT OF RIGHTS IN PATENT APPLICATION

Assignor	Post Office Address of Assignor
Stuart Hart	8419 Dunham Station Drive Tampa, Florida 33647
Susana Lai-Yuen	5125 Palm Springs Blvd., Apt. 15204 Tampa, Florida 33647
Erin Moree	5004 E. Fowler Avenue, Suite C, Box 135 Tampa, Florida 33617
James Doulgeris	206 Martha Lane Oldsmar, Florida 34677
Benjamin Taylor Nelson	13223 Sanctuary Cove Drive, Apt. 534 Tampa, Florida 33637 3035 Sensor Messe
Grahm Roach	111 Appendiantes 3035 Sonorn Messa San Antonio, Texas 78292 78232 618 714/241
Brandon Kruse	10301 North Armenia Avenue Tampa, Florida 33612
Assignee	Principal Place of Business of Assignce
University of South Florida	3802 Spectrum Blvd., Suite 100 Tampa, Florida 33612

WHEREAS, I, the above-identified Assignor, am an applicant in the following U.S. patent application:

Serial Number	Title	Date of Filing
15/200,730	INCISION-LESS LAPAROSCOPIC INSTRUMENT	July 1, 2016

Hereinafter referred to as the "patent application";

Assignment of Rights in Patent Application for 15/200,730 Page 1 of 3

And, whereas I desire to assign a 100% undivided interest in said patent application to the above-identified Assignee, and wherein said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for value received, the receipt and sufficiency whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application, unto said Assignee, together with all claims for damages and profits by reason of any past infringement of said letters patent and the right to sue therefor, and together with the right to file said patent application or any division, continuation, or continuation-in-part thereof in the United States or in any foreign jurisdiction under the Paris Convention or the Patent Cooperation Treaty, such interests, claims, and rights, to be held and enjoyed by the Assignee for its own use and for its successors and assigns, to the full end of the term for which a patent issuing from said patent application may be granted, and any reissues, renewals, or extensions thereof as may be granted, as fully and entirely as the same would have been held by Assignor had this Assignment and sale not been made;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignce, or its designees as Assignce or its Assignees may from time-to-time present to me in order to perfect title in said patent application;

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[SIGNATURE PAGE FOLLOWS]

Assignment of Rights in Patent Application for 15/200,730 Page 2 of 3

Stuart Hart Date:_____

Susana Lai-Yuen Date:_____

.....

Date:_____

Erin Moree

James Doulgeris Date:_____

Benjamín Taylor Nelson Date:_____

<u>/ K/h~% « k</u> Grahm Roach Date: <u>7/14/2016</u>

Brandon Kruse Date:_____

Assignment of Rights in Petent Application for 15/200,730 Page 3 of 3

Submitted for dual purpose of recording an assignment.

A copy of this assignment will be submitted separately to the Recording Branch.

Title of Invention	INCISION-LESS LAPAROSCOPIC INSTRUMENT	Attomey Docket No. 1372.797.PRWC Client Reference No. 10A062PRWOU				
As the belo	w named inventor, I hereby declare that:					
This declaration is directed to: The attached application, or United States application or PCT International application number <u>13693252</u>						
	filed on					
The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application, I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.						
	ASSIGNMENT OF RIGHTS IN PATENT APPLICATION					
Assignee(s): University of South Florida 3802 Spectrum Blvd, Suite 100 Tampa, Florida 33612						
I desire to assign a 100% undivided interest in said patent application to the above-identified Assignee(s), and wherein said Assignee(s) is designed of acculating the entire right, title and interest in the same; for value received, the receipt and sufficiency whereoit is hereby acknowledged. I hereby assign, sail and transfer a 100% undivided interest in the entirety of the bundle of rights, title, and interest in and to said patent application or any division, continuation, or continuation-in-path there in any to said Assignee(s), logether with all claims for damages and profits by reason of any past infringement of said letters patent and the right to sue therefor, and together with the right to file said patent application or any division, continuation-in-path there of in any foreign julisdicition under the Paris Convention or the Patent Cooperation Treast, such interests, claims, and rights, to be the same would have been held by Assigner bad this Assignment, and sale not been made; and I further agree to execute all necessary and law difference of the same or will be made or entered into which would conflict with the assignment and sale not assignee as Assignees may from time-to-time present to me in order to perfect title in said patent applications, or affindation as any be known and accessible to me and will be made or entered into which would conflict with the assignment and saler not application as may be known and accessible to me and the issuing interference instruments, declarations, or affidavitis required to apply for, obtain, maintain, and enforce said patent application or patent asplication or patent asplication at the same and the light value and there and the light one or norms continuation. The same and will be made or norms and tail constitute or eacuther and patent application as may be known and accessible to me and the same may and all papers, instruments, declarations, or affidavits required to apply for, obtain, maintain, and enforce said patent application or patent asplication and						
Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.						
KECO	RDED: 04/11/2019 REEL: 048	861_ERAME: 0611				

8