### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

t Version v1.1 EPAS ID: PAT3618388

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREW SCHAFER	06/11/2014
ROBERT GERMAN	06/10/2014
JIM A. YOUSSEF	06/26/2015
SCOTT LISH	06/10/2014
JUSTIN DOOSE	06/10/2014

### **RECEIVING PARTY DATA**

Name:	NUVASIVE, INC.
Street Address:	7475 LUSK BLVD.
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14214099

### CORRESPONDENCE DATA

**Fax Number:** (858)450-7406

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:
 858-909-1807

 Email:
 ip@nuvasive.com

Correspondent Name: NUVASIVE, INC. C/O CPA GLOBAL

Address Line 1: P.O. BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	550US1
NAME OF SUBMITTER:	MARJORIE JARVIS
SIGNATURE:	/Marjorie Jarvis/
DATE SIGNED:	11/16/2015

**Total Attachments: 5** 

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# COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

FOR UTILITY OR DESIGN APPLICATION	
Title of Invention	SPINAL ALIGNMENT FRAME
[] The att	DECLARATION named inventor, I hereby declare that this declaration is directed to: tached application, or I States application or PCT international application number 14/214,099 n March 14, 2014.
The above-idea	ntified 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 have reviewe	d and understand the contents of the above-identified application, including the claims.
	the duty to disclose to the United States Patent and Trademark Office all information known to me to patentability as defined in 37 CFR §1.56.
-	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than five (5) years, or both.
	ASSIGNMENT
WHEREAS, I identified appli	am the original inventor or an original joint inventor of the invention described in the above- ication for United States Letters Patent, hereinafter referred to as "Assignor".
hereinafter refe	<u>MuVasive, Inc.</u> , a corporation of Delaware, located at <u>7475 Lusk Blvd., San Diego, CA 92121</u> erred to as "Assignee," is desirous of acquiring an interest in the invention and application and ir rs Patent and Registrations which may be granted on the same.
assigned, and application and any Letters Pa countries throu Convention. Tassigns as fully made, for the f	valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has by these presents do assign to Assignee all right, title and interest in and to the invention and to all foreign counterparts (including patent, utility model and industrial designs), and in and to tent and Registrations which may hereafter be granted on the same in the United States and all ughout the world, and to claim the priority from the application as provided by the Paris The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been full term of any Letters Patent and Registrations which may be granted thereon, or of any division, mustion in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.
Assignee in the improvements, and instrument maintain Letter	er agrees that he/she will, without charge to Assignee, but at Assignee's expense, (a) cooperate with the prosecution of U.S. patent applications and foreign counterparts on the invention and any (b) execute, verify, acknowledge and deliver all such further papers, including patent applications its of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or Patent and Registrations for the invention and improvements in any and all countries, and to vest Assignee, or Assignee's successors and assigns.
Assignor herebapplication who	by grants NuVasive, Inc. the power to insert the application number and filing date of said en known.
IN TESTIMON	NY WHEREOF, Assignor has signed his/her name on the date indicated.
LEGAL NIAME	FOF BIVENTOR: Instin Boose

### COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION

<b>~</b>	
Title of	SPINAL ALICMMENT ED AME
Invention	OF ITALE PROPERTY OF COMME

### DECLARATION

As the below named inventor, I hereby declare that this declaration is directed to:

[ ] The attached application, or

[ X] United States application or PCT international application number 14/214,099 filed on March 14, 2014.

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 have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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

WHEREAS, I am the original inventor or an original joint inventor of the invention described in the aboveidentified application for United States Letters Patent, hereinafter referred to as "Assignor".

WHEREAS, <u>NuVasive</u>, <u>Inc.</u>, a corporation of Delaware, located at <u>7475 Lusk Blvd</u>. <u>San Diego</u>, <u>CA 92121</u>, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same.

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he/she will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby grants NuVasive, Inc. the power to insert the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

LEGAL NAMBOF INVENTOR: Robert German		1
Signature (hold)	Date:	6/10/14
<u> </u>		

## COMBINED DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN APPLICATION	
Title of Invention	SPINAL ALIGNMENT FRAME
As the below [ ] The [X] Unit	DECLARATION  v named inventor, I hereby declare that this declaration is directed to: attached application, or ed States application or PCT international application number 14/214,099 on March 14, 2014.
The above-ic	dentified 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 have reviev	ved and understand the contents of the above-identified application, including the claims.
	of the duty to disclose to the United States Patent and Trademark Office all information known to me all to patentability as defined in 37 CFR §1.56.
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 prisonment of not more than five (5) years, or both.
	ASSIGNMENT  I am the original inventor or an original joint inventor of the invention described in the above- plication for United States Letters Patent, hereinafter referred to as "Assignor".
hereinafter re	NuVasive, Inc., a corporation of Delaware, located at 7475 Lusk Blvd., San Diego, CA 92121, eferred to as "Assignee," is desirous of acquiring an interest in the invention and application and in ters Patent and Registrations which may be granted on the same.
assigned, and application a any Letters I countries the Convention. assigns as ful made, for the	Indicate the design of the property of the design of the property of the presents of the present of the p
Assignee in improvement and instrume maintain Let	ther agrees that he/she will, without charge to Assignee, but at Assignee's expense, (a) cooperate with the prosecution of U.S. patent applications and foreign counterparts on the invention and any is, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications ents of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or ters Patent and Registrations for the invention and improvements in any and all countries, and to vest in Assignee, or Assignee's successors and assigns.
Assignor her application w	reby grants NuVasive, Inc. the power to insert the application number and filing date of said then known.
IN TESTIMO	ONY WHEREOF, Assignor has signed his/her name on the date indicated.
LEGAL NAM	ME OF INVENTOR: Andrew Schafer

FOR UTILITY OR DESIGN APPLICATION	
Title of Invention	SPINAL ALIGNMENT FRAME
As the below [ ] The a [ \( \) Unite	DECLARATION  named inventor, I hereby declare that this declaration is directed to: attached application, or ad States application or PCT international application number 14/214,099  on March 14, 2014.
The above-id	entified 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 have review	ed and understand the contents of the above-identified application, including the claims.
	the duty to disclose to the United States Patent and Trademark Office all information known to me to patentability as defined in 37 CFR §1.56.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 prisonment of not more than five (5) years, or both.
	ASSIGNMENT I am the original inventor or an original joint inventor of the invention described in the above- dication for United States Letters Patent, hereinafter referred to as "Assignor".
hereinafter re	NuVasive, Inc., a corporation of Delaware, located at <u>7475 Lusk Blvd., San Diego, CA 92121,</u> ferred to as "Assignee," is desirous of acquiring an interest in the invention and application and in ers Patent and Registrations which may be granted on the same.
assigned, and application ar any Letters P countries the Convention, assigns as full made, for the	d valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has by these presents do assign to Assignee all right, title and interest in and to the invention and to all foreign counterparts (including patent, utility model and industrial designs), and in and to fatent and Registrations which may hereafter be granted on the same in the United States and all oughout the world, and to claim the priority from the application as provided by the Paris The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and by and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been full term of any Letters Patent and Registrations which may be granted thereon, or of any division, inuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.
Assignee in improvements and instrume maintain Letter	her agrees that he/she will, without charge to Assignee, but at Assignee's expense, (a) cooperate with the prosecution of U.S. patent applications and foreign counterparts on the invention and any s, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications nts of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or ers Patent and Registrations for the invention and improvements in any and all countries, and to vest Assignee, or Assignee's successors and assigns.
Assignor here application wh	by grants NuVasive, Inc. the power to insert the application number and filing date of said then known.
IN TESTIMO	NY WHEREOF, Assignor has signed his/her name on the date indicated.

LEGAL NAME OF INVENTOR: Scott Lish

Signature:

**PATENT** 

**REEL: 037052 FRAME: 0948** 

#### ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Jim A. Youssef of 280 Ball Lane, Durango, Colorado 81301, hereinafter referred to as "Assignor," is a joint inventor of the invention described and set forth in the application for United States Letters Patent identified below:

Title of Invention: Spinal Alignment Frame

Filing Date: March 14, 2014

Application No.: 14/214,099

WHEREAS, NuVasive, Inc., a Corporation of the State of Delaware, located at 7475 Lusk Boulevard, San Diego, California 92121, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed his name and dated this Assignment below where indicated.

Jim A. Youssef

6/26/5 Date