PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Luiz Pimenta	08/04/2008
Jared Arambula	06/26/2008
Benjamin VerHage	08/04/2008
Troy Woolley	08/04/2008
Patrick Miles	08/07/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14193886

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: (612) 335-5070 **Email:** enb@fr.com

Correspondent Name: MICHAEL T. HAWKINS
Address Line 1: FISH & RICHARDSON P.C.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	13958-0101002 / 228US2	
NAME OF SUBMITTER:	MICHAEL T. HAWKINS	
SIGNATURE:	/Michael T. Hawkins Reg. No. 57,867/	
DATE SIGNED:	03/11/2014	

Total Attachments: 3

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PATENT REEL: 032405 FRAME: 0645 source=228US1-signedassignment#page2.tif source=228US1-signedassignment#page3.tif

PATENT REEL: 032405 FRAME: 0646

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Luiz Pimenta, of Rua Borges Lagoa 783 – 6th Floor, Sao Paulo, Brazil, 04038-031; Jared Arambula, of 6413 Peinado Way, San Diego, CA, 92121; Benjamin VerHage, of 3790 Florida Street, Unit A102, San Diego, CA, 92104; Troy Woolley, of 11708 Castile Way, San Diego, CA, 92128; and Patrick Miles, of 5227 Greenwillow Road, San Diego, CA, 92130, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

System and Methods for Spinal Fusion

Filing Date:

March 7, 2008

Application No.:

12/044.917

WHEREAS, *NuVasive, Inc.*, a Corporation of the State of Delaware, located at 4545 Towne Centre Court, San Diego, CA, 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 Assignors, Assignors have 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 Assignors 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.

Assignors further agree that they 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, Assignors has signed their names on the dates indicated.

Luiz Pimenta	Date	Jared Arambula	Date
Benjamin VerHage	08/64/+8 Date	Imy B. Why Troy Woolley	8/4/ Date
Patrick Miles	8/7/v Date		

Application No. 12/044.917 Attorney Docket No. 228US1

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M Muler Liniz Pimenta	Date	Jared Arambula	Ďate
Benjamin VerHage	Datc	Troy Woollcy	Date
Patrick Miles	Date		

PATENT REEL: 032405 FRAME: 0648

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, *Luiz Pimenta*, of Rua Borges Lagoa 783 – 6th Floor, Sao Paulo, Brazil, 04038-031; *Jared Arambula*, of 6413 Peinado Way, San Diego, CA, 92121; *Benjamin VerHage*, of 3790 Florida Street, Unit A102, San Diego, CA, 92104; *Troy Woolley*, of 11708 Castile Way, San Diego, CA, 92128; and *Patrick Miles*, of 5227 Greenwillow Road, San Diego, CA, 92130, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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IN TESTIMONY WHEREOF, Assignors has signed their names on the dates indicated.

Luiz Pimenta	Date	APAMENT Sared Arambula	Charles (
Benjamin VerHage	Date	Troy Woolley	Date
Patrick Miles	Date		

PATENT REEL: 032405 FRAME: 0649

RECORDED: 03/11/2014