

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELLIPSE TECHNOLOGIES, INC.	01/04/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NUVASIVE, INC.
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<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9186183
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	704US2 (ELPSE.012C1)
<b>NAME OF SUBMITTER:</b>	MARJORIE JARVIS
<b>SIGNATURE:</b>	/Marjorie Jarvis/
<b>DATE SIGNED:</b>	04/13/2016
<b>Total Attachments: 9</b>	
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**PATENT ASSIGNMENT**

WHEREAS, ELLIPSE TECHNOLOGIES, INC., a Delaware Corporation, having an address at 101 Enterprise, Suite 100, Aliso Viejo, California 92656, (hereinafter "ASSIGNOR") is the owner of certain applications for Letters Patent in the United States that have been prepared for filing and/or filed with the United States Patent and Trademark Office (enumerated in Schedule A) and certain applications for Letters Patent in one or more foreign countries (outside the United States) that have been prepared for filing and/or filed with one or more Foreign Patent and Trademark Offices (enumerated in Schedule B) (collectively, the "PATENTS AND APPLICATIONS");

AND WHEREAS, NUVASIVE, INC., a Delaware Corporation, having an address at 7475 Lusk Blvd., San Diego, California 92121 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the PATENTS AND APPLICATIONS:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the PATENTS AND APPLICATIONS, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the PATENTS AND APPLICATIONS, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the PATENTS AND APPLICATIONS or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the PATENTS AND APPLICATIONS including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the PATENTS AND APPLICATIONS in all countries.

ELLIPSE TECHNOLOGIES, INC.  
101 Enterprise, Suite 100  
Aliso Viejo, California 92656

By:  \_\_\_\_\_

Name Printed: Edmund Roschak

Title: Chief Executive Officer

Date: January 4, 2016

NUVASIVE, INC.  
7475 Lusk Blvd.  
San Diego, California 92121

By:  \_\_\_\_\_

Name Printed: Jason D. Hanson

Title: Executive Vice President, Strategy,  
Corporate Development & General Counsel

Date: January 4, 2016

SIGNATURE PAGE TO ASSIGNMENT

## SCHEDULE A

United States Issued Patents					
Title of Invention:	Country:	Appl. No.:	Filing Date:	Patent No.:	Date Issued:
METHOD AND APPARATUS FOR ADJUSTING A GASTROINTESTINAL RESTRICTION DEVICE	US	11/760482	6/8/2007	7,862,502	1/4/2011
EXPANDABLE ROD SYSTEM TO TREAT SCOLIOSIS AND METHOD OF USING THE SAME	US	11/172678	6/30/2005	7,955,357	6/7/2011
ADJUSTABLE IMPLANT AND METHOD OF USE	US	12/259965	10/28/2008	7,981,025	7/19/2011
SKELETAL MANIPULATION METHOD	US	12/121499	5/15/2008	8,057,472	11/15/2011
NON-INVASIVE ADJUSTABLE DISTRACTION SYSTEM	US	12/391109	2/23/2009	8,197,490	6/12/2012
IMPLANT SYSTEM WITH RESONANT-DRIVEN ACTUATOR	US	11/760488	6/8/2007	8,246,533	8/21/2012
EXPANDABLE ROD SYSTEM TO TREAT SCOLIOSIS AND METHOD OF USING THE SAME	US	12/421569	4/9/2009	8,343,192	1/1/2013
EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE	US	12/615855	11/10/2009	8,382,756	2/26/2013
SKELETAL MANIPULATION METHOD	US	13/277980	10/20/2011	8,419,734	4/16/2013
BONE GROWTH DEVICE AND METHOD	US	12/875585	9/3/2010	8,449,543	5/28/2013
ADJUSTABLE IMPLANT AND METHOD OF USE	US	13/158117	6/10/2011	8,715,159	5/6/2014
SYSTEM AND METHOD FOR ALTERING ROTATIONAL ALIGNMENT OF BONE SECTIONS	US	13/370966	2/10/2012	8,715,282	5/6/2014
MAINTENANCE FEATURE IN MAGNETIC IMPLANT	US	13/198571	8/4/2011	8,734,488	5/27/2014
ADJUSTABLE IMPLANT AND METHOD OF USE	US	13/649977	10/11/2012	8,808,163	8/19/2014
EXPANDABLE ROD SYSTEM TO TREAT SCOLIOSIS AND METHOD OF USING THE SAME	US	13/691530	11/30/2012	8,852,236	10/7/2014
VARIABLE LENGTH DEVICE AND METHOD	US	13/371012	2/10/2012	8,852,187	10/7/2014

NON-INVASIVE ADJUSTABLE DISTRACTION SYSTEM	US	13/477945	5/22/2012	8,974,463	3/10/2015
EXPANDABLE ROD SYSTEM TO TREAT SCOLIOSIS AND METHOD OF USING THE SAME	US	14/601999	1/21/2015	9,011,499	4/21/2015
INTRAMEDULLARY IMPLANTS FOR REPLACING LOST BONE	US	13/655246	10/18/2012	9,044,281	6/2/2015
DEVICES AND METHODS FOR DETECTION OF SLIPPAGE OF MAGNETIC COUPLING IN IMPLANTABLE MEDICAL DEVICES	US	13/490107	6/6/2012	9,078,711	7/14/2015
SKELETAL MANIPULATION METHOD	US	14/629426	2/23/2015	9,179,960	11/10/2015
DISTRACTION DEVICES AND METHOD OF ASSEMBLING THE SAME	US	13/791430	3/8/2013	9,179,938	11/10/2015
MAINTENANCE FEATURE IN MAGNETIC IMPLANT	US	14/250313	4/10/2014	9,186,183	11/17/2015
EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE	US	13/747028	1/22/2013	9,192,411	11/24/2015
ADJUSTABLE IMPLANT SYSTEM		13/625725	9/24/2012	9,198,755	12/1/2015

United States Patent Applications					
Title of Invention:	Country:	Appl. No.:	Filing Date:	Patent No.:	Date Issued:
INTERSPINOUS PROCESS DEVICE AND METHOD	US	12/761141	4/15/2010		
EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE	US	13/172598	6/29/2011		
DEVICES AND METHODS FOR NONINVASIVE IMPLANT LENGTH SENSING	US	13/253065	10/4/2011		
MAGNETIC IMPLANTS WITH IMPROVED ANATOMICAL COMPATIBILITY	US	13/525058	6/15/2012		
SPINAL DISTRACTION SYSTEM	US	13/730773	12/28/2012		
SKELETAL MANIPULATION METHOD	US	13/849405	3/22/2013		
BONE GROWTH DEVICE AND METHOD	US	13/892182	5/10/2013		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	US	14/065342	10/28/2013		

SYSTEM AND METHOD FOR ALTERING ROTATIONAL ALIGNMENT OF BONE SECTIONS	US	14/146336	1/2/2014		
ADJUSTABLE MAGNETIC DEVICES AND METHODS OF USING SAME	US	14/355202	4/29/2014		
ADJUSTABLE MAGNETIC DEVICES AND METHODS OF USING SAME	US	14/301238	6/10/2014		
EXPANDABLE ROD SYSTEM TO TREAT SCOLIOSIS AND METHOD OF USING THE SAME	US	14/321386	7/1/2014		
ADJUSTABLE IMPLANT AND METHOD OF USE	US	14/328568	7/10/2014		
NON-INVASIVE ADJUSTABLE DISTRACTION SYSTEM	US	14/332286	7/15/2014		
NONINVASIVELY ADJUSTABLE SUTURE ANCHORS	US	14/447391	7/30/2014		
ADJUSTABLE MAGNETIC DEVICES AND METHODS OF USING SAME	US	14/449761	8/1/2014		
IMPLANTABLE DYNAMIC APPARATUS HAVING AN ANTI JAMMING FEATURE	US	14/451190	8/4/2014		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	US	14/379742	8/19/2014		
ADJUSTABLE SPINAL IMPLANT	US	14/511084	10/9/2014		
METHODS AND APPARATUS FOR BONE RESHAPING	US	14/512119	10/10/2014		
SYSTEMS AND METHODS FOR DISTRACTION	US	62/097005	12/26/2014		
SYSTEMS AND METHODS FOR VERTEBRAL ADJUSTMENT	US	62/118411	2/19/2015		
VARIABLE LENGTH DEVICE AND METHOD	US	14/667620	3/24/2015		
ADJUSTABLE IMPLANT AND METHOD OF USE	US	14/668901	3/25/2015		
SYSTEM FOR INFORMATIONAL MAGNETIC FEEDBACK IN ADJUSTABLE IMPLANTS	US	14/698665	4/28/2015		
DEVICES AND METHODS FOR DETECTION OF SLIPPAGE OF MAGNETIC COUPLING IN IMPLANTABLE MEDICAL DEVICES	US	14/737192	6/11/2015		
SYSTEMS AND METHODS FOR ULTRASONIC DETECTION OF DEVICE DISTRACTION	US	14/863019	9/23/2015		

SKELETAL MANIPULATION METHOD	US	14/880980	10/12/2015		
MAINTENANCE FEATURE IN MAGNETIC IMPLANT	US	14/883485	10/14/2015		
ADJUSTABLE IMPLANT SYSTEM	US	14/885749	10/16/2015		
EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE	US	14/885227	10/16/2015		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	US	62/242931	10/16/2015		
ADJUSTABLE IMPLANT AND METHOD OF USE	US	14/920709	10/22/2015		
SYSTEMS AND METHODS FOR TREATMENT OF INCONTINENCE	US	62/249059	10/30/2015		
SYSTEM FOR INFORMATIONAL MAGNETIC FEEDBACK IN ADJUSTABLE IMPLANTS	US	14/932904	11/4/2015		
EXTERNAL ADJUSTMENT DEVICE FOR DISTRACTION DEVICE	US	62/265430	12/10/2015		
SYSTEMS AND METHODS FOR DISTRACTION	US	14/981762	12/28/2015		



## SCHEDULE B

<b>Foreign States Issued Patents</b>					
Title of Invention:	Country:	Appl. No.:	Filing Date:	Patent No.:	Date Issued:
SKELETAL MANIPULATION SYSTEM	CN	200880121423.1	10/13/2008	ZL 200880121423.1	11/21/2012
SKELETAL MANIPULATION SYSTEM	CN	201210404498.9	10/22/2012	ZL 2012104044989	3/4/2015
SPINAL DISTRACTION SYSTEM	CN	201080008758.X	8/22/2011	ZL 201080008758.X	9/16/2015
BONE GROWTH DEVICE AND METHOD	CN	201080039442.7	9/3/2010	ZL 201080039442.7	9/9/2015
ADJUSTABLE IMPLANT SYSTEM	EP	8730778.1	8/31/2009	2114258	6/25/2014
BONE GROWTH DEVICE AND METHOD	JP	2012-528095	2/29/2012	5751642	5/29/2015

<b>Foreign Patent Applications</b>					
Title of Invention:	Country:	Appl. No.:	Filing Date:	Patent No.:	Date Issued:
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	AU	2013338218	4/29/2015		
BONE GROWTH DEVICE AND METHOD	AU	2010289288	2/28/2012		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	BR	BR 11 2015009446 5	4/27/2015		
SKELETAL MANIPULATION SYSTEM	CA	2703562	4/22/2010		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	CA	2889769	4/24/2015		
SPINAL DISTRACTION SYSTEM	CN	201510509301.1	8/18/2015		
BONE GROWTH DEVICE AND METHOD	CN	2015104847223	8/7/2015		
SPINAL DISTRACTION SYSTEM	CN	201510509680.4	8/18/2015		
BONE GROWTH DEVICE AND METHOD	CN	201510484965.7	8/7/2015		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	CN	2013800689268	6/29/2015		

DEVICES AND METHODS FOR NONINVASIVE IMPLANT LENGTH SENSING	DE	112012004130.5	4/4/2014		
MAGNETIC COUPLING SLIPPAGE DETECTION IN IMPLANTABLE DEVICES	DE	112013002825.5	12/4/2014		
ADJUSTABLE IMPLANT SYSTEM	EP	14168308.6	5/14/2014		
SKELETAL MANIPULATION SYSTEM	EP	8845847.6	5/11/2010		
SPINAL DISTRACTION SYSTEM	EP	10744153.7	8/11/2011		
BONE GROWTH DEVICE AND METHOD	EP	10814570.7	3/20/2012		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	EP	13850787.6	4/28/2015		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	IN	3762/DELNP/2015	5/4/2015		
SKELETAL MANIPULATION SYSTEM	JP	2015-178762	9/10/2015		
SKELETAL MANIPULATION SYSTEM	JP	2014-081308	4/10/2014		
SPINAL DISTRACTION SYSTEM	JP	2011-551126	8/17/2011		
BONE GROWTH DEVICE AND METHOD	JP	2015-098790	5/14/2015		
BONE GROWTH DEVICE AND METHOD	KR	10-2012-7008627	4/3/2012		
ADJUSTABLE DEVICES FOR TREATING ARTHRITIS OF THE KNEE	RU	2015120291	5/28/2015		
BONE GROWTH DEVICE AND METHOD	RU	2012112925	4/4/2012		
SYSTEM FOR INFORMATIONAL MAGNETIC FEEDBACK IN ADJUSTABLE IMPLANTS	WO	PCT/US2015/059102	11/4/2015		
REMOTELY ADJUSTABLE INTERACTIVE BONE RESHAPING IMPLANT	WO	PCT/US2015/057010	10/22/2015		
METHODS AND APPARATUS FOR BONE RESHAPING	WO	PCT/US2014/060131	10/10/2014		

SYSTEM FOR INFORMATIONAL MAGNETIC FEEDBACK IN ADJUSTABLE IMPLANTS	WO	PCT/US2015/028079	4/28/2015		
SYSTEMS AND METHODS FOR DISTRACTION	WO	PCT/US2015/000283	12/23/2015		

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