Form <b>PTO-1595</b> (Rev. 07/05) <u>OMB No. 0651-</u> 0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Offic			
RECORDATION FO	ORM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Patrick Mites James Gharib Scot Martinelli Allen Farquhar	Name: NuVasive, Inc.			
Eric Finley Norbert Kaula Jamil Elbanna Goretti Medejros	Internal Address:			
Additional name(s) of conveying party(les) attached? Yes 🗸 No	4			
3. Nature of conveyance/Execution Date(s):	Street Address: 4545 Towne Centre Court			
Execution Date(s) 8-25-04; 9-7-04; 9-8-04; 4-7-04; 12-15-04				
✓ Assignment Merger	2. 2. 2.			
Security Agreement Change of Name	City: San Dlego			
Joint Research Agreement	State: California			
Government Interest Assignment	Country: United States Zip: 92121			
Executive Order 9424, Confirmatory License	Country. Onlied Gates Zip. 32121			
Other	Additional name(s) & address(es) attached? Yes No			
	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
10/836,105				
Additional numbers att	 rached?			
5. Name and address to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed:	involved: 1			
Name: Jonathan Spangler	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: NuVasive, Inc.	Authorized to be charged by credit card			
	✓ Authorized to be charged to deposit account			
Street Address: 4545 Towne Centre Court	Enclosed			
William Additional Control of the Co	None required (government interest not affecting title)			
City: San Diego	8. Payment Information			
State: California Zip: 92121	a. Credit Card Last 4 Numbers			
Phone Number: 858-243-0029	Expiration Date			
Fax Number: 858-909-2007	b. Deposit Account Number50-2040			
Email Address: jspangler@nuasive.com	Authorized User Name <u>Jonathan Spangler</u>			
9. Signature:				
Signature -	Date Total sumber of pages including course			
Jonathan Spangler Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mall Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Form PTO-1595 (Rev. 03/05) CMB No. 0651-0027 (exp. 6/30/2005)	07-07-2005 <u>.</u>
RECORDATION	N FORM COVER
	NTS ONL\ 103035405
	Please record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(les)
Patrick Miles James Gharib Scot Martinelli Allen Farquhar	Name: NuVasive, Inc.
Eric Finley Norbert Kaula Jamil Elbanna Goretti Medelros	Internal Address:
Additional name(s) of conveying party(les) attached? Yes	
3. Nature of conveyance/Execution Date(s):	Street Address: 4545 Towne Centre Court
Execution Date(s) 8-26-04; 9-7-04; 9-8-04; 4-7-04; 12-15-0	<u> </u>
Assignment Merger	-1.
Security Agreement Change of Nam	ne City: San Diego
Joint Research Agreement	State: _ CA
Government Interest Assignment	Country: United States Zip: 92121
Executive Order 9424, Confirmatory License	y- united and a second
Other	Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s) 10/896,105	B. Patent No.(s)
A. Patent Application No.(s) 10/836,105	
A. Patent Application No.(s) 10/896,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed:	B. Patent No.(s)
A. Patent Application No.(s) 10/836,105  Additional number  5. Name and address to whom correspondence	B. Patent No.(s)  rs attached?
A. Patent Application No.(s) 10/896,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed:	B. Patent No.(s)  rs attached? Yes No.  6. Total number of applications and patents involved: 1
A. Patent Application No.(s) 10/896,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name: Jonathan Spangler	6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account
A. Patent Application No.(s) 10/896,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name: Jonathan Spangler	B. Patent No.(s)  The sattached? Yes No.  6. Total number of applications and patents involved:  1. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed
A. Patent Application No.(s) 10/836,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name:Jonathan Spangler  Internal Address:NuVasive, Inc.	B. Patent No.(s)  1 Separate No.(s)  1 Separate No.(s)  6. Total number of applications and patents involved:  1 Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title
A. Patent Application No.(s) 10/836,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed:  Name:Jonathan Spangler  Internal Address:NuVasive, Inc.	B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  V Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title  8. Payment Information
A. Patent Application No.(s) 10/896,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed: Name:	B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title  8. Payment Information  a. Credit Card Last 4 Numbers
A. Patent Application No.(s) 10/836,105  Additional number  5. Name and address to whom correspondence concerning document should be mailed: Name:Jonathan Spangler  Internal Address:NuVasive, Inc.  Street Address:4546 Towne Centre Court  City:San Diego  State:CAZip:92121  Phone Number:858-243-0029	B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mali Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005
To the Director of the U.S. Pate
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United States	Patent and	Tradem	ark Offic

. 1020000	se record the attached documents or the new address(es) below.			
1. Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(ies)			
Patrick Miles James Gharib	Name: NuVasive, Inc.			
Scot Martinelli Allen Farquhar Eric Finley Norbert Kaula	Internal Address:			
Jamil Elbanna Goretti Medeiros				
Execution Date(s) 8-26-04; 9-7-04; 9-8-04; 4-7-04; 12-15-04	Street Address: 10065 Old Grove Road			
Additional name(s) of conveying party(les) attached? Yes 🗸 No				
3. Nature of conveyance:				
Assignment Merger	City: San Diego			
Security Agreement Change of Name	State: CA			
Government Interest Assignment				
Executive Order 9424, Confirmatory License	Country: United States Zip: 92131			
Other	Additional name(s) & address(es) attached? Yes 🗸 No			
	document is being filed together with a new application.			
A. Patent Application No.(s) 10/836,105	B. Patent No.(s)			
10/030, 108				
	OPR OPR			
Additional numbers att	ached? Yes No S 2 1			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Jonathan Spangler				
THE STATE OF THE S	7. 10tal fee (37 CFR 1.21(n) & 3.41) \$ 1 40.00			
Internal Address: NuVasive, Inc.	Authorized to be charged by credit card **			
	Authorized to be charged to deposit account			
Street Address: 10065 Old Grove Road	Enclosed  None required (approximant interest set effection title)			
	None required (government interest not affecting title)			
City: San Dlego	8. Payment Information			
State: CA Zip: 92131	a. Credit Card Last 4 Numbers Expiration Date			
Phone Number: 858-243-0029	b. Deposit Account Number 50-2040			
Fax Number: 858-271-7101				
Email Address: jspangler@nuvasive.com	Authorized User NameJonathan Spangler			
9. Signature:	December 15, 2004			
Signature	Date			
Jonathan Spangler	Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing				

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1460

12/21/2004 ECOOPER 00000153 502040 10836105

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REEL: 017085 FRAME: 0470

**PATENT** 

Application No. 10/836,105 Attorney Docket No. 025USI

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Patrick Miles, of 5227 Greenwillow Lane, San Diego, CA 92130; Scot Martinelli, of 9624 Paseo Montril, San Diego, CA 92129; Eric Finley, of 10548 Caminito Banyon, San Diego, CA 92131; Jamil Elbanna, of 17285 Grandee Place, San Diego, CA, 92128; James Gharib, of 10918 Derrydown Way, San Diego, CA 92130; Allen Farquhar, or 6220 Hannon Court, San Diego, CA 92117; Norbert Kaula, of 8258 West 72nd Ave, Arvada, CO 80005; and Jeffrey Blewett (deceased), of San Diego, CA, 92131, 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:

SYSTEMS AND METHODS FOR PERFORMING

PERCUTANEOUS PEDICLE INTEGRITY ASSESSMENTS

Date(s) of execution of Declaration: 8-26-04; 9-3-04; 9-8-04; 4-7-04; 12-15-04

Filing Date:

April 30, 2004

Application No.:

10/836,105

WHEREAS, NuVasive. Inc., a Corporation of the State of Delaware, located at 10065 Old Grove Road, San Diego, CA, 92131, 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.

Assignors hereby authorize and request Jonathan Spangler, Esq. 10065 Old Grove Road, San Diego, CA, 92131, to insert herein above the application number and filing date of said application when known.

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

Scot Martinelli

Application No. 10/836,105 Attorney Docket No. 025US1

Dated:	
Dated: 08 Sep 04	Jamil Elbanna  James Gharib
Dated: <u>26 Ay</u> 2004	James Grano
Dated:	Norbert Kaula
Dated:	Jeffrey Blewett

12-02-2005 02:33pm From-NuVasive Inc.

+18582717101

T-979 P.011/018 F-642

08-08-2004 12:11PM FROM-NOKIA MOBIJ PHONES

T-426 P.003/003 F-813

Application No. 10/836,105 Attorney Docket No. 025US1

Jeffrey Blewett

100 8584

To-Muyasive Inc.

From-3034217525

Received Sep-07-2004 03:18pm

Application No. 10/836,105 Attorney Docket No. 025US1

## Assignment of Potent Rights

WHEREAS, Norbert Kaula, an individual having a principal residence at 8258 West 72<sup>nd</sup> Avenue, Arvada Colorado 80005 (hereinafter "Assignor"), is a co-inventor of the invention described and set forth in the application for US Letters Patent identified below:

Title of Invention:

System and Methods for Performing Percutaneous Pedicle

Integrity Assessments

US Pat. App. Ser. No:

10/836,105

Filing Date:

April 30, 2004

WHEREAS, NuVasive, Inc., a corporation of the State of Delaware having a principal place of business at 10065 Old Grove Road, San Diego California 92131 (bereafter "Assignee"), stands to receive all right, title, and interest in said patent application due in part to contractual obligations of the Assigner to the Assignee based on their prior business relationship and is desirous of obtaining this assignment of rights perfecting the acquisition of all right, title, and interest in and to the invention and application and any rights in any Letters Patent or Registrations which may be granted on the same;

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

Assigner further agrees that he will, at Assignee's expense: (a) cooperate with Assignee in the prosecution of the US

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 may lawfully request to obtain or maintain Letters Patent or 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.

Assignor Signature:

Dato:

PATENT REEL: 017085 FRAME: 04740

## Assignment

I, Goretti Medeiros, being the widow of Jeffrey J. Blewett and duly appointed executor of the estate of Jeffrey J. Blewett, hereby assign to NuVasive, Inc. the entire right, title and interest to any and all patent applications filed by NuVasive, Inc. (including those currently pending and those filed in the future) in which the deceased Jeffrey J. Blewett is a named inventor according to the application forms as submitted ("Patent Applications"), including any Letters Patent and/or Registrations which may hereafter be granted on the Patent Applications in the United States and all countries throughout the world, and any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof. The right, title and interest is to be held and enjoyed by NuVasive and its successors and assigns as fully and exclusively as it would have been held and enjoyed by Jeffrey J. Blewett had this Assignment not been made.

Sionature

Goretti Medeiros

Printed Name

**RECORDED: 12/02/2005** 

Address:

86 Parkview Dr. Plantsville, CT 06479

> PA I EN I REEL: 017085 FRAME: 0475

April 7, 2004