#### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Martin V. Shabaz	07/28/2010
Richard L. Quick	07/28/2010
Frank R. Louw	07/28/2010
Paul Lubock	07/27/2010
Jason H. Safabash	09/15/2010

#### **RECEIVING PARTY DATA**

Name:	SENORX, INC.
Street Address:	3 Morgan
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92618

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11981149

#### **CORRESPONDENCE DATA**

Fax Number: (480)449-2557

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

480 303 2755 Phone:

Email: jacki.daspit@crbard.com

Correspondent Name: C. R. Bard, Inc. Bard Peripheral Vascula

Address Line 1: 1415 W. 3rd Street Address Line 2: P.O. Box 1740

Address Line 4: Tempe, ARIZONA 85280-1740

ATTORNEY DOCKET NUMBER: 297-PDD-10-160 US DIV NAME OF SUBMITTER: Ronald K. Aust

**PATENT REEL: 025022 FRAME: 0316** 

501297305

# Total Attachments: 7 source=SENOP-05301ExecutedAssignment (1)#page1.tif source=SENOP-05301ExecutedAssignment (1)#page2.tif source=SENOP-05301ExecutedAssignment (1)#page3.tif source=SENOP-05301ExecutedAssignment (1)#page4.tif source=SENOP-05301ExecutedAssignment (1)#page5.tif source=SENOP-05301ExecutedAssignment (1)#page6.tif source=SENOP-05301ExecutedAssignment (1)#page7.tif

PATENT REEL: 025022 FRAME: 0317

#### ASSIGNMENT

WHEREAS, we, Martin V. Shabaz; Richard L. Quick; Frank R. Louw; Paul Lubock; Jason H. Safabash, residing at Lake Forest, California; Mission Viejo, California; Carlsbad, California; Laguna Niguel, California; Aliso Viejo, California, respectively, have invented certain improvements in:

BIOPSY DEVICE WITH APERTURE ORIENTATION AND IMPROVED TIP described and claimed in an application for Letters Patent of the United States of America thereon identified as U.S. Patent Application Serial No. 11/981,149, filed October 31, 2007; and

WHEREAS, SENORX, INC., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 3 Morgan, Irvine, California, 92618, is to acquire the entire right, title and interest in and to said invention and said application for Letters Patent;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to us in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we do hereby assign, sell, transfer and set over unto said SENORX, INC., its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America and for all foreign countries, in and to said invention, as described in the application identified above, and in and to said application and any divisions or continuations or continuations-in-part thereof or substitutes therefor which may be filed, and in and to any patents or reissues, renewals or extensions thereof which may be granted on said application or for said invention, and in and to any patent application which may be filed on said invention in countries foreign to the United States of America and any patents granted thereon; said invention, applications, and Letters Patent to be held and enjoyed by said SENORX, INC., and its successors or assigns, to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We hereby authorize and request the Patent and Trademark Office officials in the United States of America and the Patent Office officials of any and all foreign countries to issue any and all of said Letters Patent, when granted to said SENORX, INC., as the assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said SENORX, INC., its successors and assigns.

PATENT REEL: 025022 FRAME: 0318 Further, we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said SENORX, INC., its successors and assigns may require to enable it or them to procure any Letters Patent on said invention and said application or any divisions, continuations, or continuations-in-part thereof, or any reissues, reexaminations, renewals or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

(Inventor 1): Executed this $28^{m}$ day of $300$ , 2010.	
Moto V	į.
Martin V. Shabaz STATE OF CALIFORNIA	
) ss: COUNTY OF )	
Before me, the undersigned, a Notary Public in and for said County and State, this day personally appeared Martin V. Shabaz, to me well known, who acknowledged the execution of the foregoing instrument as his/her free act and deed.	
Notary Public	
My Commission Expires: County of Residence:	
(Inventor 2): Executed this 25th day of July , 2010.	
Richard L. Quick STATE OF CALIFORNIA ) ) ss:	12
COUNTY OF)	
Before me, the undersigned, a Notary Public in and for said County and State, this day personally appeared Richard L. Quick, to me well known, who acknowledged the execution of the foregoing instrument as his/her free act and deed.	
Notary Public	
My Commission Expires: County of Residence:	

2

SENOP-05301 [297-PDD-10-160 US DIV]

(Inventor 3): Executed this 28th	<u> 212 C</u>
STATE OF CALIFORNIA ) ss:	Frank R. Louw
Before me, the undersigned	, a Notary Public in and for said County and State, this day v, to me well known, who acknowledged the execution of the eact and deed.
Notary Public	· Bill
My Commission Expires:	County of Residence:
(Inventor 4): Executed this 27	
STATE OF CALIFORNIA ) / ) ss:	Paul Lubock
COUNTY OF)	
Before me, the undersigned personally appeared Paul Lubock, foregoing instrument as his/her fre	d, a Notary Public in and for said County and State, this day to me well known, who acknowledged the execution of the e act and deed.
Notary Public	
My Commission Expires:	County of Residence:

(Inventor 5): Executed this _	15th	day of_	SEPTEM	BEL	, 2(	10.		
		26	Jene Je	Z.,,,,,,,,	>		····.	
STATE OF CALIFORNIA	Α.		Jason H. S	Safabash				
CALLEGA CON SOCIALIZADA SOCIALIZADA SACIA	ss:							
COUNTY OF	<u>)</u>							
Notary Public								
•		<i>C</i> 1						
My Commission Expires:		County	of Reside	nce:			<del></del>	
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years a			Lin		i Tar	tyla.		

## OFFICIAL CALIFORNIA NOTARIAL CERTIFICATE Acknowledgment

Acknowledgment	
State of California County of	v.
On July 27 3-1/6 before me, July 1754	ER Notar personally appeared
who proved to me on the basis of satisfactory evidence to subscribed to the within instrument and acknowledged to me his/her/their authorized capacity (ies), and that by his/her/their person(s), or the entity upon behalf of which the person(s) actes	e that he/she/they_executed the same in heir signature(s) on the instrument the
I certify under PENALTY OF PERJURY under the laws of a paragraph is true and correct	the State of California that the forgoing
WITNESS my hand and official seal.	iOX FEDRO NASON I
D L FISHER NOT  COMMISSION # 1899096 0  Notary Public - California  ORANGE COUNTY  My Comm Expres Oct 16, 2010	ARY PUBLIC SIGNATURE
ADDITIONAL INFORMAT	TION
DOCUMENT INFORMATION	
Document Date <u>No date</u>	
Number of Pages	
appl # 11/981,1	49
TYPE OF IDENTIFICATION	
[ ] Personal Knowledge of the Notary Public [ ] Satisfactory Evidence – identification card [ ] One Credible Witness acknowledging identity of prince [ ] Two Credible Witnesses acknowledging identity of prince [ ]	

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**PATENT** 

**REEL: 025022 FRAME: 0322** 

OFFICIAL CALIFORNIA NOTARIAL CERTIFICATE Acknowledgment	
State of California County of Orange	
who proved to me on the basis of satisfactory evidence subscribed to the within instrument and acknowledged his/her/their authorized capacity (ies), and that by his/person(s), or the entity upon behalf of which the person(s)	ce to be the person(s) whose name(s) is/are to me that he/she/they executed the same in her/their signature(s) on the instrument the
I certify under PENALTY OF PERJURY under the law paragraph is true and correct	vs of the State of California that the forgoing
WITNESS my hand and official seal.	AZFAN NOTAN
D. L. FISHER COMMISSION # 1699098 0 Notary Public - California ORANGE COUNTY My Comm. Expires Oct 16, 2010	NOTARY PUBLIC SIGNATURE
ADDITIONAL INFO	RMATION
DOCUMENT INFORMATION	
Document Date	
Assignment Appl. number: 11/981,149	
TYPE OF IDENTIFICATION	
[ ] Personal Knowledge of the Notary Public j Ysatisfactory Evidence – identification card [ ] One Credible Witness acknowledging identity of [ ] Two Credible Witnesses acknowledging identity	EMBOSSMENT  principal  of principal

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**PATENT** 

REEL: 025022 FRAME: 0323

State of California County of Orange	
On Stember 15 200 before me, Diane Fisher, Notary, per	sonally appeared
who proved to me on the basis of satisfactory evidence to be the pe subscribed to the within instrument and acknowledged to me that he/s his/her/their authorized capacity (ies), and that by his/her/their signat person(s), or the entity upon behalf of which the person(s) acted, executed	he/they executed the same in ure(s) on the instrument the I the instrument.
I certify under PENALTY OF PERJURY under the laws of the State o paragraph is true and correct	f California that the forgoing
WITNESS my hand and official seal.  D. L. FISHER COMMISSION # 1699096 O Notary Public - California ORANGE COUNTY My Comm Expres Oct 16, 2010	Esky NAWY CSIGNATURE
ADDITIONAL INFORMATION	
DOCUMENT INFORMATION	
Document DateNumber of Pages	
Assignment Appl. number: 11/981,749	
TYPE OF IDENTIFICATION	
[ ] Personal Knowledge of the Notary Public [☑] Satisfactory Evidence – identification card [ ] One Credible Witness acknowledging identity of principal [ ] Two Credible Witnesses acknowledging identity of principal	EMBOSSMENT

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**RECORDED: 09/21/2010** 

OFFICIAL CALIFORNIA NOTARIAL CERTIFICATE

Acknowledgment

PATENT REEL: 025022 FRAME: 0324