PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Richard L. Quick	12/10/2010
Martin V. Shabaz	12/10/2010
Frank R. Louw	12/10/2010
Paul Lubock	12/10/2010
Jason H. Safabash	01/18/2011

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:	11980298

CORRESPONDENCE DATA

Fax Number: (480)449-2557 Phone: 480 303 2755

Email: jacki.daspit@crbard.com

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

via US Mail.

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-10-178 US	
NAME OF SUBMITTER:	Ronald K. Aust	PATENT

501690168 REEL: 027057 FRAME: 0072

OD \$40 00 11980298

Total Attachments: 5

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PATENT REEL: 027057 FRAME: 0073

ASSIGNMENT

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

BIOPSY DEVICE WITH FLUID DELIVERY TO TISSUE SPECIMENS described and claimed in an application for Letters Patent of the United States of America thereon identified as U.S. Patent Application Serial No. 11/980,298, filed October 30, 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: 027057 FRAME: 0074 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 10th day of Vecential, 2016. Richard L. Quick
A Notary Public has witnessed the above execution of this assignment as set forth in the attache Official California Notarial Certificate.
(Inventor 2): Executed this 10th day of DECEMBER, 2010. Martin V. Shabaz
A Notary Public has witnessed the above execution of this assignment as set forth in the attache Official California Notarial Certificate.
(Inventor 3): Executed this 10th day of Necember, 2010. Frank R. Louw
A Notary Public has witnessed the above execution of this assignment as set forth in the attache Official California Notarial Certificate.

(Inventor 4): Executed this /// day of //////////, 2010.
Paul Lubock
A Notary Public has witnessed the above execution of this assignment as set forth in the attached Official California Notarial Certificate.
(Inventor 5): Executed this 28 th day of Descente of , 2010. Sometry 16, 2011
Jason H. Safabash J. S. C. C.

A Notary Public has witnessed the above execution of this assignment as set forth in the attached Official California Notarial Certificate.

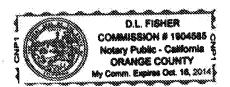
OFFICIAL CALIFORNIA NOTARIAL CERTIFICATE Acknowledgment

State of California County of Orange

On December 10, 2010 before me, Diane Fisher, Notary, personally appeared <u>Richard L. Quick, Martin V. Shabaz, Frank R. Louw and Paul Lubock</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the forgoing paragraph is true and correct

WITNESS my hand and official seal.



NOTARY PUBLIC SIGNATURE

ADDITIONAL INFORMATION

DOCUMENT INFORMATION

Document Date <u>No Date</u>

Number of Pages <u>Three</u>

Assignment

Appl. number: 11/980,298

TYPE OF IDENTIFICATION

	Š	Personal Knowledge of the Notary Public
5	1	Satisfactory Evidence – identification card
		One Credible Witness acknowledging identity of principal
		Two Credible Witnesses acknowledging identity of principal

EMBOSSMENT

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OFFICIAL CALIFORNIA NOTARIAL CERTIFICATE Acknowledgment

State of California **County of Orange**

On January 18, 2011 before me, Diane Fisher, Notary, personally appeared Jason H. Safabash who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the forgoing paragraph is true and correct

WITNESS my hand and official seal.



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PATENT REEL: 027057 FRAME: 0078

RECORDED: 10/13/2011