

Client Code: LOMAU.157C1

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Yong Hua Zhu 2. Wolff M. Kirsch</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> LOMA LINDA UNIVERSITY MEDICAL CENTER</p> <p><b>Internal Address:</b> N/A</p> <p><b>Street Address:</b> 11234 Anderson Street, Room 1161</p> <p><b>City:</b> Loma Linda <b>State:</b> CA</p> <p><b>ZIP:</b> 92354</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment ( ) Security Agreement ( ) Merger ( ) Change of Name ( ) Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. January 13, 2005 2. January 13, 2005</p>	<p>Additional name(s) of receiving party(ies) attached?</p> <p>( ) Yes (X) No</p> <p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 13/226398 Filing Date: September 6, 2011</p> <p>Additional numbers attached?</p> <p>( ) Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995</p> <p><b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP 2040 Main Street, 14<sup>th</sup> Floor Irvine, CA 92614</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> LOMAU.157C1</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>Glen L. Nuttall</u>                      <u>/Glen L Nuttall/</u>                      <u>11/15/11</u> Name of Person Signing                      Signature                      Date</p> <p>46,188 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

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**PATENT**  
**REEL: 027288 FRAME: 0617**

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Application No.: 10/919,939  
Filing Date: August 16, 2004

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Client Code: LOMAU.157A  
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### ASSIGNMENT

WHEREAS, We, Yong Hua Zhu, a United States citizen, residing at 1154 W. Highland Ave Redlands, CA 92373, Wolff M. Kirsch, United States, 1360 Prospect Drive, Redlands, CA 92373, have invented certain new and useful improvements in a VASCULAR WOUND CLOSURE DEVICE AND METHOD for which we have filed an application for Letters Patent in the United States, Application No. 10/919,939;

AND WHEREAS, Loma Linda University Medical Center (hereinafter "ASSIGNEE"), a California Non-Profit Corporation, with its principal place of business at 11234 Anderson Street, Room 1161, Loma Linda, CA 92354, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements; and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations 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 applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request 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 Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his 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 the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of January, 2005

Yong Hua Zhu

STATE OF California  
COUNTY OF San Bernardino ss.

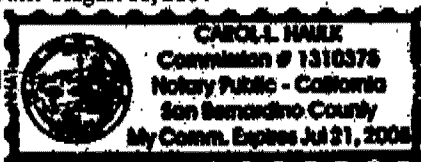
On 1/13/05, before me, Carol L. Hawk, personally appeared Yong Hua Zhu personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person~~(s)~~ whose name~~(s)~~ is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity~~(ies)~~, and that by his signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

WITNESS my hand and official seal.

Application No.: 10/919,939  
Filing Date: August 16, 2004

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[SEAL]



Carol L. Haulk  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of January, 2005

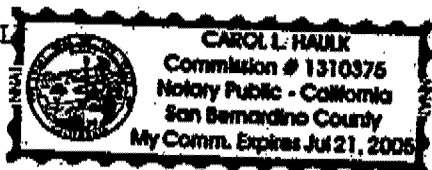
Wolff M. Kirsch  
"Wolff M. Kirsch"

STATE OF California  
COUNTY OF San Bernardino <sup>SS.</sup>

On 1/13/05, before me, Carol L. Haulk, personally appeared Wolff M. Kirsch he personally known to me (or 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 executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Carol L. Haulk  
Notary Signature

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