

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3101294

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SIMON COHN	10/06/2014
	MICHAEL CARDINALE	10/06/2014
	RICHARD P. FUCHS	10/06/2014
	MATTHEW DAVID DANIEL	10/28/2014
	JEREMY DAVID JARRETT	10/16/2014
	ROBERT NERING	10/06/2014
	ANTHONY MIKSZA	10/06/2014
RECEIVING PARTY DATA		
Name:	ETHICON, INC.	
Street Address:	P.O. BOX 151	
Internal Address:	U.S. ROUTE 22	
City:	SOMERVILLE	
State/Country:	NEW JERSEY	
Postal Code:	08876	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14479450
CORRESPONDENCE DATA		
Fax Number:	(908)325-1155	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	908-689-8700	
Email:	mdoherty@dohertyiplaw.com	
Correspondent Name:	DOHERTY IP LAW GROUP LLC	
Address Line 1:	37 BELVIDERE AVENUE	
Address Line 4:	WASHINGTON, NEW JERSEY 07882	
ATTORNEY DOCKET NUMBER:	ETH5434USCNT1	
NAME OF SUBMITTER:	MICHAEL J. DOHERTY	
SIGNATURE:	/michael j. doherty/	
DATE SIGNED:	11/10/2014	

PATENT

Total Attachments: 20

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ASSIGNMENT

U.S. Patent Application Serial No.: 14/479,450

Filed: September 8, 2014

WHEREAS, Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833;

Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960;

Richard P. Fuchs, a citizen of the United States of America, residing at 260 West Crest Drive, Cincinnati, Ohio 45215;

Matthew David Daniel, a citizen of the United States of America, residing at 3400 Stevenson Boulevard, Apt. 137, Fremont, California 94538;

Jeremy David Jarrett, a citizen of the United State of America, residing at 9617 Daly Road, Cincinnati, Ohio 45231;

Robert Nering, a citizen of the United States of America, residing at 24 Covered Bridge Road, Stockton, New Jersey 08559; and

Anthony Miksza, a citizen of the United States of America, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

METHODS OF USING APPLICATOR INSTRUMENTS
FOR SECURING PROSTHETIC DEVICES TO TISSUE

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the

United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

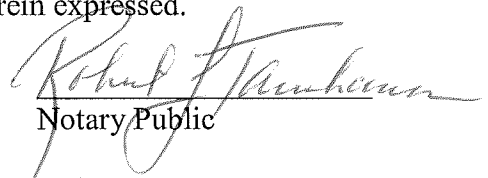
6TH day of OCTOBER, 2014. IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this



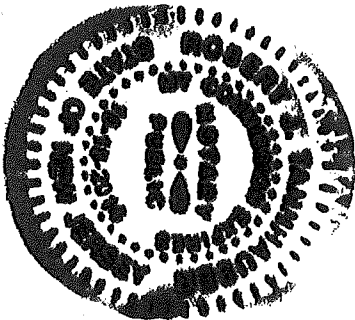
By: Simon Cohn
Title: Assignor

STATE OF NEW JERSEY)
COUNTY OF SOMERSET) ss.


BE IT REMEMBERED, That on this 6th day of OCTOBER, 2014, before me, a Notary Public, personally appeared Simon Cohn, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.


Notary Public

ROBERT J. TANNHAUSER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2014



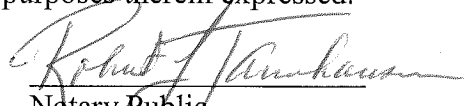
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
6th day of October, 2014.


By: Michael Cardinale
Title: Assignor

STATE OF New Jersey)
COUNTY OF SOMERSET) ss.

BE IT REMEMBERED, That on this 6th day of OCTOBER, 2014,
before me, a Notary Public, personally appeared Michael Cardinale, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

ROBERT J. TANNHAUSER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2014


Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
day of _____, _____.

By: Richard P. Fuchs
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Richard P. Fuchs, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, ____.

By: Matthew David Daniel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Matthew David Daniel, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, ____.

By: Jeremy David Jarrett
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Jeremy David Jarrett, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
6 day of October, 2014.

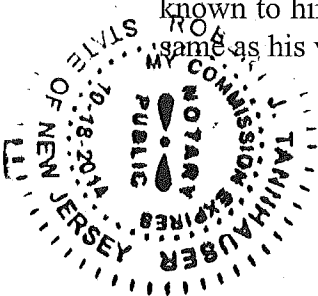
Robert Nering

By: Robert Nering

Title: Assignor

STATE OF New Jersey)
COUNTY OF SOMERSET) ss.

BE IT REMEMBERED, That on this 6th day of OCTOBER, 2014,
before me, a Notary Public, personally appeared Robert Nering, who I am satisfied is the person
named in and who executed the foregoing instrument in my presence, and I having first made
known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the
same as his voluntary act and deed for the uses and purposes therein expressed.



ROBERT J. TANNHAUSER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2014

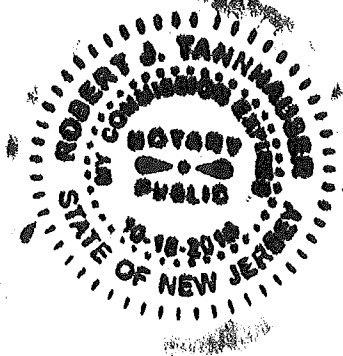
Robert J. Tannhauser
Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
6 day of October, 2014

Anthony Miksza
By: Anthony Miksza
Title: Assignor

STATE OF New Jersey)
COUNTY OF SOMERSET) ss.

BE IT REMEMBERED, That on this 6th day of OCTOBER, 2014,
before me, a Notary Public, personally appeared Anthony Miksza, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



Robert J. Tannhauser
Notary Public

ROBERT J. TANNHAUSER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2014

Attorney Docket No.: ETH5434USCNT1

ASSIGNMENT

U.S. Patent Application Serial No.: 14/479,450

Filed: September 8, 2014

WHEREAS, Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833;

Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960;

Richard P. Fuchs, a citizen of the United States of America, residing at 260 West Crest Drive, Cincinnati, Ohio 45215;

Matthew David Daniel, a citizen of the United States of America, residing at 3400 Stevenson Boulevard, Apt. 137, Fremont, California 94538;

Jeremy David Jarrett, a citizen of the United State of America, residing at 9617 Daly Road, Cincinnati, Ohio 45231;

Robert Nering, a citizen of the United States of America, residing at 24 Covered Bridge Road, Stockton, New Jersey 08559; and

Anthony Miksza, a citizen of the United States of America, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

METHODS OF USING APPLICATOR INSTRUMENTS
FOR SECURING PROSTHETIC DEVICES TO TISSUE

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the

Attorney Docket No.: ETH5434USCNT1

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
 ____ day of _____, ____.

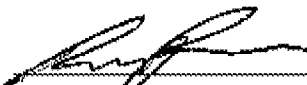
 By: Michael Cardinale
 Title: Assignor

STATE OF _____)
) ss.
 COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, ____
 before me, a Notary Public, personally appeared Michael Cardinale, who I am satisfied is the
 person named in and who executed the foregoing instrument in my presence, and I having first
 made known to him the contents thereof, he did acknowledge that he signed, sealed, and
 delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

 Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
6th day of OCTOBER, 2014.


 By: Richard P. Fuchs
 Title: Assignor

STATE OF Ohio)
) ss.
 COUNTY OF Hamilton)

BE IT REMEMBERED, That on this 6th day of OCTOBER, 2014
 before me, a Notary Public, personally appeared Richard P. Fuchs, who I am satisfied is the
 person named in and who executed the foregoing instrument in my presence, and I having first
 made known to him the contents thereof, he did acknowledge that he signed, sealed, and
 delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



KIMBERLY MELLISSA MOSES
 Notary Public, State of Ohio
 My Commission Expires
 September 23, 2016


 Notary Public

Attorney Docket No.: ETH5434USCNT1

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
 ____ day of _____, ____.

 By Matthew David Daniel
 Title: Assignor

STATE OF _____)
) ss.
 COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____,
 before me, a Notary Public, personally appeared Matthew David Daniel, who I am satisfied is the
 person named in and who executed the foregoing instrument in my presence, and I having first
 made known to him the contents thereof, he did acknowledge that he signed, sealed, and
 delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

 Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
 ____ day of _____, ____.

 By: Jeremy David Jarrett
 Title: Assignor

STATE OF _____)
) ss.
 COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____,
 before me, a Notary Public, personally appeared Jeremy David Jarrett, who I am satisfied is the
 person named in and who executed the foregoing instrument in my presence, and I having first
 made known to him the contents thereof, he did acknowledge that he signed, sealed, and
 delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

 Notary Public

Attorney Docket No.: ETH5434USCNT1

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
 ____ day of _____, ____.

 By: Robert Nering

Title: Assignor

STATE OF _____)
) ss.
 COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____,
 before me, a Notary Public, personally appeared Robert Nering, who I am satisfied is the person
 named in and who executed the foregoing instrument in my presence, and I having first made
 known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the
 same as his voluntary act and deed for the uses and purposes therein expressed.

 Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
 ____ day of _____, ____.

 By: Anthony Miksza

Title: Assignor

STATE OF _____)
) ss.
 COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____,
 before me, a Notary Public, personally appeared Anthony Miksza, who I am satisfied is the
 person named in and who executed the foregoing instrument in my presence, and I having first
 made known to him the contents thereof, he did acknowledge that he signed, sealed, and
 delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

 Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 14/479,450

Filed: September 8, 2014

WHEREAS, Simon Cohn, a citizen of the United States of America, residing at 58 Brunswick Avenue, Lebanon, New Jersey 08833;

Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960;

Richard P. Fuchs, a citizen of the United States of America, residing at 260 West Crest Drive, Cincinnati, Ohio 45215;

Matthew David Daniel, a citizen of the United States of America, residing at 3400 Stevenson Boulevard, Apt. 137, Fremont, California 94538;

Jeremy David Jarrett, a citizen of the United State of America, residing at 9617 Daly Road, Cincinnati, Ohio 45231;

Robert Nering, a citizen of the United States of America, residing at 24 Covered Bridge Road, Stockton, New Jersey 08559; and

Anthony Miksza, a citizen of the United States of America, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

METHODS OF USING APPLICATOR INSTRUMENTS
FOR SECURING PROSTHETIC DEVICES TO TISSUE

for which they have this day executed an application for Letters Patent of the United States; and

WHEREAS, Ethicon, Inc., a corporation formed under the laws of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the

United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, _____.

By: Simon Cohn
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, _____, before me, a Notary Public, personally appeared Simon Cohn, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, _____.

By: Michael Cardinale
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Michael Cardinale, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

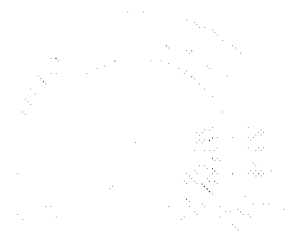
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, _____.

By: Richard P. Fuchs
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Richard P. Fuchs, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public



IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
_____ day of _____, _____.

By: Matthew David Daniel
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, _____,
before me, a Notary Public, personally appeared Matthew David Daniel, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

16th day of October, 2014 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this

By: Jeremy David Jarrett
Title: Assignor

STATE OF Ohio)
COUNTY OF Hamilton) ss.

BE IT REMEMBERED, That on this 16th day of October, 2014,
before me, a Notary Public, personally appeared Jeremy David Jarrett, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

JOHNDA L. KEUFFER
Notary Public, State of Ohio
My Commission Expires 03-29-2016

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, _____.

By: Robert Nering
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Robert Nering, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day of _____, _____.

By: Anthony Miksza
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this _____ day of _____, _____, before me, a Notary Public, personally appeared Anthony Miksza, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 14/479,450

Filed: September 8, 2014

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Michael Cardinale, a citizen of the United States of America, residing at 7C Dorado Drive, Morristown, New Jersey 07960;

Richard P. Fuchs, a citizen of the United States of America, residing at 260 West Crest Drive, Cincinnati, Ohio 45215;

Matthew David Daniel, a citizen of the United States of America, residing at 3400 Stevenson Boulevard, Apt. 137, Fremont, California 94538;

Jeremy David Jarrett, a citizen of the United State of America, residing at 9617 Daly Road, Cincinnati, Ohio 45231;

Robert Nering, a citizen of the United States of America, residing at 24 Covered Bridge Road, Stockton, New Jersey 08559; and

Anthony Miksza, a citizen of the United States of America, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

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FOR SECURING PROSTHETIC DEVICES TO TISSUE

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NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to him moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and does hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if their Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the

United States to issue said Letters Patent in accordance with this Assignment;

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And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
 ____ day of _____, ____.

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Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

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Notary Public

STATE OF _____)

COUNTY OF _____)

BE IT REMEMBERED, That on this ____ day of _____, _____,

M. J. B. 11'

_____ day of _____, _____.

$$D_{\alpha} = D'_{\alpha} - 1, \quad 1 \leq \alpha \leq n$$

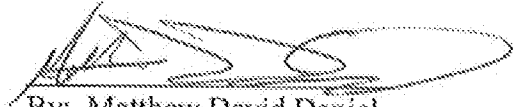
STATE OF _____)

COUNTY OF)

BE IT REMEMBERED, That on this ____ day of _____, _____,

NOTES

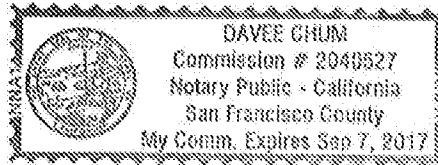
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
29 day of October, 2014.

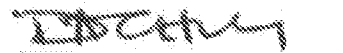


By: Matthew David Daniel
Title: Assignor

STATE OF CALIFORNIA)
COUNTY OF SAN FRANCISCO) ss.

BE IT REMEMBERED, That on this 28 day of OCTOBER, 14, before me, a Notary Public, personally appeared Matthew David Daniel, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.




Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, _____.

By: Jeremy David Jarrett
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____, before me, a Notary Public, personally appeared Jeremy David Jarrett, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, ____.

By: Robert Nering
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Robert Nering, who I am satisfied is the person
named in and who executed the foregoing instrument in my presence, and I having first made
known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the
same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this
____ day of _____, ____.

By: Anthony Miksza
Title: Assignor

STATE OF _____)
COUNTY OF _____) ss.

BE IT REMEMBERED, That on this ____ day of _____, _____,
before me, a Notary Public, personally appeared Anthony Miksza, who I am satisfied is the
person named in and who executed the foregoing instrument in my presence, and I having first
made known to him the contents thereof, he did acknowledge that he signed, sealed, and
delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public