502339525 05/08/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony Miksza	04/23/2013
Robert Nering	04/24/2013
Simon Cohn	05/06/2013
Matthew D. Daniel	04/24/2013
Jeremy David Jarrett	04/30/2013

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:	13791950

CORRESPONDENCE DATA

Fax Number: 9083251155

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

Phone: 908-689-8700

Email: mdoherty@dohertyiplaw.com
Correspondent Name: Doherty & Charney LLC
Address Line 1: 37 Belvidere Avenue

Address Line 4: Washington, NEW JERSEY 07882

ATTORNEY DOCKET NUMBER: ETH5434USCIP2

NAME OF SUBMITTER: Michael J. Doherty

502339525 PATENT REEL: 030373 FRAME: 0854 P \$40.00 13791950

Signature:	/michael j. doherty/
Date:	05/08/2013
Total Attachments: 15 source=FiledAssignment#page1.tif source=FiledAssignment#page2.tif source=FiledAssignment#page3.tif source=FiledAssignment#page4.tif source=FiledAssignment#page5.tif source=FiledAssignment#page6.tif source=FiledAssignment#page7.tif source=FiledAssignment#page8.tif source=FiledAssignment#page9.tif source=FiledAssignment#page10.tif source=FiledAssignment#page11.tif source=FiledAssignment#page12.tif source=FiledAssignment#page13.tif source=FiledAssignment#page14.tif source=FiledAssignment#page15.tif	

PATENT REEL: 030373 FRAME: 0855

<u>ASSIGNMENT</u>

U.S. Patent Application Serial No.: 13/791,950

Filed: March 9, 2013

WHEREAS, Anthony Miksza, a citizen of the United States, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064;

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

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

Matthew D. Daniel, a citizen of the United States, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

Jeremy David Jarrett, a citizen of the United States, residing at 213 Harvey Court, Cincinnati, Ohio 45217, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

SURGICAL FASTENERS HAVING ARTICULATING JOINTS AND DEFLECTABLE TIPS

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 the Assignment and sale had not been made;

And Assignors hereby authorize and requests 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 they have 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.

つつ		IN TESTIMONY	WHEREOF,	Assignor	has	hereunto	set his	hand and	seal	this
<u>45</u> _	day of	April , 20	013			1		M		

By: Anthony Miksza

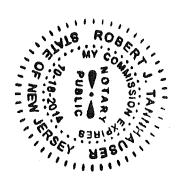
Title: Assignor

STATE OF NEW VERSEY)
COUNTY OF SOMERSET) ss

BE IT REMEMBERED, That on this 23 day of April , 2013, 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

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



IN TESTIMONY WHEREOF, Assignor has I	hereunto set his hand and seal this <u>Q4</u> day
of Cfrit , 2013.	
•	THE AMERICAN
	De Print Julian
	By: Robert Néring
1	Title: Assignor
STATE OF NEW JERSEY) COUNTY OF SUMERSET) ss.	
(7) ss.	
COUNTY OF SUMERSET)	
,	
	20th American
BE IT REMEMBERED, That on th	is of April, 2013,
before me, a Notary Public, personally appeared Rob	
named in and who executed the foregoing instrumer	• •
known to him the contents thereof, he did acknowled	The state of the s
same as his voluntary act and deed for the uses and pu	irposes therein expressed.
	Kobut I Cambana
AND ROOM	Notary Public
O. MY COLLAN	
	ROBERT J. TANNHAUSER
	NOTARY PUBLIC OF NEW JERSEY
	My Commission Expires 10/18/2014
() N3 8 () ()	
7,11111	

STATE OF	By: Matthew David Daniel Title: Assignor That on this day of,, peared Matthew David Daniel, who I am satisfied is the oregoing instrument in my presence, and I having first cof, he did acknowledge that he signed, sealed, and did deed for the uses and purposes therein expressed.
of	By: Matthew David Daniel
of	By: Matthew David Daniel
of	By: Matthew David Daniel
	By: Matthew David Daniel
	By: Matthew David Daniel
	ssignor has hereunto set his hand and seal this day
	ssignor has hereunto set his hand and seal this day
R. Baris. T.	My Commission Expires 10/18/2014
	ROBERT J. TANNHAUSER NOTARY PUBLIC OF NEW JERSEY
200	Notary Public
MY co.	Kolmit / amhaus
same as his voluntary act and deed for the	
	ng instrument in my presence, and I having first made dacknowledge that he signed, sealed, and delivered the
before me, a Notary Public, personally a	ppeared Simon Cohn, who I am satisfied is the person
BE IT REMEMBERED,	That on this 6 day of NAy, 2013,
	at A
STATE OF NEW JERSEY) COUNTY OF SOMERSET) ss.	
STATE OF NEW JERSEY)	
1	Title: Assignor
	By: Simon Cohn
of MAY, 2013.	
IN TESTIMONY WHEREOF, As of, 2013.	ssignor has hereunto set his hand and seal this 6th day

PATENT REEL: 030373 FRAME: 0859

of	Assignor has hereunto set his hand and seal this day
	By: Jeremy David Jarrett Title: Assignor
STATE OF) ss. COUNTY OF)	
before me, a Notary Public, personally a person named in and who executed the made known to him the contents ther	That on this day of,, ppeared Jeremy David Jarrett, who I am satisfied is the foregoing instrument in my presence, and I having first eof, he did acknowledge that he signed, sealed, and deed for the uses and purposes therein expressed.
	Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 13/791,950

Filed: March 9, 2013

WHEREAS, Anthony Miksza, a citizen of the United States, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064;

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

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

Matthew D. Daniel, a citizen of the United States, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

Jeremy David Jarrett, a citizen of the United States, residing at 213 Harvey Court, Cincinnati, Ohio 45217, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

SURGICAL FASTENERS HAVING ARTICULATING JOINTS AND DEFLECTABLE TIPS

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 the Assignment and sale had not been made;

And Assignors hereby authorize and requests 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 they have 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.

day of _	IN TESTIMONY WHERE	OF, Assignor has hereunto set his hand and sea	al this
		By: Anthony Miksza Title: Assignor	_
STATE OF _) ss.		
person named made known	Notary Public, personally a in and who executed the forto him the contents thereo	That on this day of,,,,,,,	g first , and
		Notary Public	_

	Attorney Docket No.: ETH5434USCIP2
IN TESTIMONY WHEREOF, Assignor has of,	as hereunto set his hand and seal this day
	By: Robert Nering Title: Assignor
STATE OF) ss. COUNTY OF)	
BE IT REMEMBERED, That on perfore me, a Notary Public, personally appeared R named in and who executed the foregoing instrumknown to him the contents thereof, he did acknowledge as his voluntary act and deed for the uses and	nent in my presence, and I having first made ledge that he signed, sealed, and delivered the
	Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this _____ day By: Simon Cohn Title: Assignor STATE OF ______) COUNTY OF 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 24 day of April , 2013. By: Matthew David Daniel Title: Assignor STATE OF Michigen) ss. BE IT REMEMBERED, That on this 24 day of April , 2013, 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 valuntary act and deed for the uses and purposes therein expressed. Moniler Halwer Notary Public Commission Expires 21 July 2017 4

> PATENT REEL: 030373 FRAME: 0864

of	IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this day
OI	,
	By: Jeremy David Jarrett Title: Assignor
STAT	E OF
COUI	TY OF) ss.
persor made	BE IT REMEMBERED, That on this day of,, me, a Notary Public, personally appeared Jeremy David Jarrett, who I am satisfied is the named in and who executed the foregoing instrument in my presence, and I having first known to him the contents thereof, he did acknowledge that he signed, sealed, and ed the same as his voluntary act and deed for the uses and purposes therein expressed.
	Notary Public

ASSIGNMENT

U.S. Patent Application Serial No.: 13/791,950

Filed: March 9, 2013

WHEREAS, Anthony Miksza, a citizen of the United States, residing at 2376 Keeler Road, Nazareth, Pennsylvania 18064;

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

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

Matthew D. Daniel, a citizen of the United States, residing at 2013 Fair Street, Ann Arbor, Michigan 48103, and

Jeremy David Jarrett, a citizen of the United States, residing at 213 Harvey Court, Cincinnati, Ohio 45217, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

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And for the consideration aforesaid, Assignors covenant and agree with said Assignee that they have 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.

dov. of	IN TESTIMONY V	HEREOF, Assignor has hereunto set his hand and seal this
uay or		
		By: Anthony Miksza Title: Assignor
STATE OF)	
COUNTY OF) ss.	
	BE IT REMEMBE	ED, That on this day of,
person named made known	Notary Public, personal in and who executed to him the contents.	nally appeared Anthony Miksza, who I am satisfied is the the foregoing instrument in my presence, and I having first thereof, he did acknowledge that he signed, sealed, and act and deed for the uses and purposes therein expressed.
		Notary Public

	Attorney Docket No.: ETH543	34USCIP2
IN TESTIMONY WHEREOF, Assignor has l	nereunto set his hand and seal this	day
	By: Robert Nering Title: Assignor	
STATE OF) ss. COUNTY OF)		
COUNTY OF		
BE IT REMEMBERED, That on the before me, a Notary Public, personally appeared Robert named in and who executed the foregoing instrumer known to him the contents thereof, he did acknowled same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same as his voluntary act and deed for the uses and public personal same act and deed for the uses and public personal same act and deed for the uses and deed for the	ert Nering, who I am satisfied is to to in my presence, and I having to ge that he signed, sealed, and deli	he person first made
	Notary Public	

IN TESTIMONY WHEREOF, Assignor has l	hereunto set his hand and seal this day
	By: Simon Cohn Title: Assignor
STATE OF)	
STATE OF) ss. COUNTY OF	
BE IT REMEMBERED, That on the before me, a Notary Public, personally appeared Singuian named in and who executed the foregoing instrument known to him the contents thereof, he did acknowled same as his voluntary act and deed for the uses and put	nt in my presence, and I having first made ge that he signed, sealed, and delivered the
	Notary Public
IN TESTIMONY WHEREOF, Assignor has l	
	By: Matthew David Daniel Title: Assignor
STATE OF) county of	
BE IT REMEMBERED, That on the before me, a Notary Public, personally appeared Matter person named in and who executed the foregoing insteade known to him the contents thereof, he did delivered the same as his voluntary act and deed for the	strument in my presence, and I having first acknowledge that he signed, sealed, and
	Notary Public

PATENT REEL: 030373 FRAME: 0869

of April , 2013. IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 30 day by: Jeremy David Jarrett Title: Assignor
STATE OF <u>Ohio</u>) ss. COUNTY OF <u>Hamilton</u>
BE IT REMEMBERED, That on this 30 day of April , 2013, 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. Arthur T. Pokder Notary Public Notary Public Notary Public Notary Public Notary Public Notary Public Notary Public