PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Frederick E. Shelton IV	05/01/2012
Katherine J. Schmid	04/30/2012
Charles J. Scheib	04/26/2012
Taylor W. Aronhalt	04/26/2012
Matthew M. Lang	05/07/2012
Steven G. Hall	04/30/2012
Chester O. Baxter III	05/01/2012

RECEIVING PARTY DATA

Name:	Ethicon Endo-Surgery, Inc.
Street Address:	4545 Creek Road
City:	Cincinnati
State/Country:	ОНЮ
Postal Code:	45242

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13433136

CORRESPONDENCE DATA

Fax Number: (412)355-6501 Phone: (412) 355-8249

Email: PIUSPATENTS@klgates.com

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

via US Mail.

Correspondent Name: Benjamin P. Hurwitz
Address Line 1: 210 Sixth Avenue
Address Line 2: K&L Gates Center

Address Line 4: Pittsburgh, PENNSYLVANIA 15222-2613

PATENT

REEL: 028377 FRAME: 0415

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ATTORNEY DOCKET NUMBER:	END6843USCIP5/100528CIP5
NAME OF SUBMITTER:	Benjamin P. Hurwitz
Total Attachments: 5 source=AsnSigned#page1.tif source=AsnSigned#page2.tif source=AsnSigned#page3.tif source=AsnSigned#page4.tif source=AsnSigned#page5.tif	

PATENT REEL: 028377 FRAME: 0416

DOCKET NO. END6843USCIP5/100528CIP5

Joint Inventors

ASSIGNMENT

Serial No.	13/433,136	
Filed:	March 28, 2012	

WHEREAS, Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Katherine J. Schmid, a citizen of the United States, residing at 3969 Sharonview Drive, Cincinnati, Ohio 45241; Charles J. Scheib, a citizen of the United States, residing at 11329 Donwiddle Drive, Loveland, Ohio 45140; Taylor W. Aronhalt, a citizen of the United States, residing at 306 Beech Road, Loveland, Ohio 45140; Matthew M. Lang, a citizen of the United States, residing at 4685 Homestretch Lane, Mason, Ohio 45040; Steven G. Hall, a citizen of the United States, residing at 10575 Crescendo Court, Cincinnati, Ohio 45242; and Chester O. Baxter, III, a citizen of the United States, residing at 6375 Pawnee Ridge, Loveland, Ohio 45140 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

TISSUE THICKNESS COMPENSATOR COMPRISING AT LEAST ONE MEDICAMENT

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

WHEREAS, Ethicon Endo-Surgery, Inc., a corporation formed under the laws of the State of Ohio, (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 them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do 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 this 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;

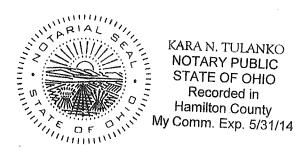
And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

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.

PI-3345052 v1 0237980-00438

PATENT REEL: 028377 FRAME: 0417

	HEREOF, Assignor has here 12.	eunto set	: fr	seal this	day May	of (L.S.)
STATE OF	Ohio)				
COUNTY OF	Hamilton)	ss.			
Public, personally ap the foregoing instrur acknowledge that he therein expressed.	IEMBERED, That on this _ peared Frederick E. Shelto ment in my presence, and signed, sealed, and delivere KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 HEREOF, Assignor has here	I having d the sam	first made I e as his volu Notary P	ied is the peknown to he ntary act and under the ntary act act and under the ntary act act and under the ntary act act act and under the ntary act	erson named in the control deed for the	ents thereof, he did he uses and purposes
		·	Kathe Kathe	rine(J.Sch	Sand Mid	.s.)
STATE OF	Ohio)				
COUNTY OF	Hamilton)	SS.			
Public, personally appropriate foregoing instrument	EMBERED, That on this peared Katherine J. Schmid in my presence, and I I signed, sealed, and delivered	d, who I a naving fi	ım satisfied i rst made kn	s the persor own to hin ntary act an	n named in ar	nts thereof, he did



OF, Assignor has hereu	into set his hand		day of
	_6		(L.S.)
	C	harles J. Scheib	
Ohio)		
Hamilton) ss.		
y presence, and I has sealed, and delivered N. TULANKO ARY PUBLIC TE OF OHIO ecorded in hilton County	the same as his	e known to him voluntary act and	the contents thereof, he did
F, Assignor has hereun	nto set his hand		day of (L.S.)
Ohio).		
Hamilton) ss.	Λ	
<u>Faylor W. Aronhalt,</u> y presence, and I ha	who I am satisf ving first mad the same as his	ied is the person nate known to him voluntary act and c	amed in and who executed the the contents thereof, he did
	Ohio Ham Hon RED, That on this Z Charles J. Scheib, w y presence, and I ha sealed, and delivered N. TULANKO ARY PUBLIC TE OF OHIO ecorded in nilton County nm. Exp. 5/31/14 F, Assignor has hereur Ohio Chio Chio	Ohio Hamilton RED, That on this Charles J. Scheib, who I am satisfies y presence, and I having first made sealed, and delivered the same as his N. TULANKO ARY PUBLIC TE OF OHIO ecorded in milton County nm. Exp. 5/31/14 F, Assignor has hereunto set his hand a Ti Ohio Chio Chi	RED, That on this

ARIAL SELECTION OF THE PROPERTY OF THE PROPERT

KARA N. TULANKO
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Hamilton County
My Comm. Exp. 5/31/14

IN TESTIMONY WHI	EREOF, Assignor has here 2.	eunto set his	s hand and seal this Matthew M. L.	day of (L.S.)
STATE OF	Ohio)	ss.	
COUNTY OF	Hamilton)	55.	
Public, personally apper foregoing instrument acknowledge that he significant therein expressed.	ARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County CREOF, Assignor has here	who I am having firs d the same	satisfied is the pers t made known to as his voluntary act A Notary Public	, 2012, before me, a Notary on named in and who executed the him the contents thereof, he did and deed for the uses and purposes Lulanda day of day of
STATE OF	Ohio Hamilton))	SS.	
Public, personally apper foregoing instrument is acknowledge that he sign therein expressed.	n my presence, and I l	no I am sa naving first	tisfied is the person made known to	, 2012, before me, a Notary n named in and who executed the him the contents thereof, he did and deed for the uses and purposes
			RE	PATENT EL: 028377 FRAME: 042

PATENT REEL: 028377 FRAME: 0420 Attorney Docket Number: END6843USCIP5/100528CIP5 Serial No. 13/433,136 Page 5 of 5

<u>MAY</u> , 201	2.	Chester O. Baxter, III
STATE OF	Ohio	SS.
COUNTY OF	Hamilton	55.
Public, personally apper foregoing instrument	eared <u>Chester O. Baxter, III</u> , win my presence, and I havir	day of, 2012, before me, a N ho I am satisfied is the person named in and who execute g first made known to him the contents thereof, he
Public, personally apper foregoing instrument	eared <u>Chester O. Baxter, III</u> , win my presence, and I havir	ho I am satisfied is the person named in and who execute

PATENT REEL: 028377 FRAME: 0421

RECORDED: 06/14/2012