501951849 06/12/2012

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
Jeffrey S. Swayze	05/03/2012
Joseph H. Contiliano	05/10/2012
Chunlin Yang	05/10/2012
Cortney E. Henderson	04/26/2012
Taylor W. Aronhalt	04/26/2012
Charles J. Scheib	04/26/2012
Jeffrey L. Aldridge	04/26/2012
Katherine J. Schmid	04/30/2012

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:	13433118

CORRESPONDENCE DATA

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

PIUSPATENTS@klgates.com Email:

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				
ATTORNEY DOCKET NUMBER: END7101USNP/110602				
NAME OF SUBMITTER:	Benjamin P. Hurwitz			
Total Attachments: 12				
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ASSIGNMENT

Serial No.	13/433,118	
Filed:	March 28, 2012	

WHEREAS, Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Joseph H. Contiliano, a citizen of the United States, residing at 303 Aldin Road, Stewartsville, New Jersey 08886; Chunlin Yang, a citizen of the United States, residing at 93 Matthews Farm Road, Belle Mead, New Jersey 08502; Cortney E. Henderson, a citizen of the United States, residing at 191 Hounds Run, Loveland, Ohio 45140; Taylor W. Aronhalt, a citizen of the United States, residing at 306 Beech Road, Loveland, Ohio 45140; Charles J. Scheib, a citizen of the United States, residing at 11329 Donwiddle Drive, Loveland, Ohio 45140; Jeffrey L. Aldridge, a citizen of the United States, residing at 106 W. Concord Drive, Lebanon, Ohio 45036; and Katherine J. Schmid, a citizen of the United States, residing at 3969 Sharonview Drive, Cincinnati, Ohio 45241 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

TISSUE THICKNESS COMPENSATOR COMPRISING A RESERVOIR

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-3345259 v1 0237980-00444

Attorney Docket Number: END7101USNP/110602

Serial No. 13/433,118 Page 2 of 6

	in testimony wher	EOF, Assignor has here	eunto set	his hand and seal this day of (L.S.) Frederick E. Shelton, IV
	STATE OF COUNTY OF	Ohio Hamilton)	ss.
THIS COUNTY OF THE PARTY OF THE	BE IT REMEME Public, personally appeare the foregoing instrument acknowledge that he signe therein expressed	BERED, That on this dd Frederick E. Shelton in my presence, and led, sealed, and delivered ARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County Comm. Exp. 5/31/14	a, IV, what having the same	day of
				Jeffrey'S. Swayze (L.S.)
	STATE OF COUNTY OF	Ohio Hamilton	-	SS.
	Public, personally appeare foregoing instrument in	ed <u>Jeffrey S. Swayze,</u> my presence, and I h	who I an aving fi	day of, 2012, before me, a Notary n satisfied is the person named in and who executed the rst made known to him the contents thereof, he did e as his voluntary act and deed for the uses and purposes A

KARA N. TULANKO

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

Attorney Docket Number: END7101USNP/110602 Serial No. 13/433,118 Page 3 of 6

		Joseph H. C	Cantiliano (L.S.)
		Joseph II.	Commano
TATE OF) 	
OUNTY OF	***************************************	·	
ublic, personally a pregoing instrume	ppeared <u>Joseph H. Cor</u> nt in my presence, ar	atiliano, who I am satisfied is the nd I having first made known	, 2012, before me, a No person named in and who executed to him the contents thereof, he act and deed for the uses and purp
		Notary Public	
		s hereunto set his hand and seal th	isday of
	HEREOF, Assignor ha	s hereunto set his hand and seal th	is day of (L.S.)
		s hereunto set his hand and seal th Chulin Yan	(L.S.)
, 2		Chulin Yan	(L.S.)
, 2			(L.S.)
TATE OF OUNTY OF BE IT REN iblic, personally a regoing instrumer	MEMBERED, That on appeared Chulin Yang at in my presence, an	Chulin Yan Chulin Yan ss. day of who I am satisfied is the period I having first made known	(L.S.)
TATE OF OUNTY OF BE IT REM ablic, personally a regoing instrumer knowledge that he	MEMBERED, That on appeared Chulin Yang at in my presence, an	Chulin Yan Chulin Yan ss. day of who I am satisfied is the period I having first made known	(L.S.) g, 2012, before me, a No son named in and who executed to him the contents thereof, he

Attorney Docket Number: END7101USNP/110602 Serial No. 13/433,118 Page 4 of 6 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and sealthis 2 day of , 2012, before me, a Notary

, 2012. STATE OF COUNTY OF BE IT REMEMBERED, That on this Public, personally appeared Cortney E. Henderson, 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. KARA N. TULANKO **NOTARY PUBLIC** STATE OF OHIO Recorded in **Hamilton County** My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26 day of Apr. 7, 2012. STATE OF SS. COUNTY OF BE IT REMEMBERED, That on this _____ day of _____ , 2012, before me, a Notary Public, personally appeared Taylor W. Aronhalt, 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** STATE OF OHIO Recorded in **Hamilton County** My Comm, Exp. 5/31/14

KARA N. TULANKO

Attorney Docket Number: END7101USNP/110602 Serial No. 13/433,118 Page 5 of 6

) ss	STATE OF COUNTY OF BE IT REMEMBERED, That on this 20th day of 10th person named in and who executed foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and processed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 25th day of APRIL , 2012. STATE OF Ohio Ohio Ohio Ohio Ohio Ohio STATE OF Ohio Ohio STATE OF Ohio Ohio Ohio STATE OF Ohio Ohio Notary Public Notary Public Notary Public Notary Public Notary Public	STATE OF Ohio BE IT REMEMBERED, That on this 2C+h day of April 2012, before me, a Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who exect proceeding instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and p therein expressed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and scal this 2C+h day of APRIL , 2012. STATE OF Ohio SS. COUNTY OF Hamilton BE IT REMEMBERED, That on this 2C+h day of April , 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executed by the person named in and who executed acknowledge that he signed, scaled, and delivered the same as his voluntary act and deed for the uses and p		2.	F1	1	
BE IT REMEMBERED, That on this ZC+A day of April , 2012, before me, a Public, personally appeared Charles J. Schelb, who I am satisfied is the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and puterein expressed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ZGth day of APRIL , 2012. STATE OF Ohio	BE IT REMEMBERED, That on this	STATE OF COUNTY OF BE IT REMEMBERED, That on this ZC+h day of April , 2012, before me, a Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who executed foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public Notary Public STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ZC+h day of April , 2012. BE IT REMEMBERED, That on this ZC+h day of April , 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who execution to the person named in and who execution to the person named in and who execution to the personal p			Charles I C	Chail Chail	(L.S.)
BE IT REMEMBERED, That on this 20th day of April , 2012, before me, a Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and put therein expressed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26th day of APRIL , 2012. STATE OF Ohio Ohio SSA	BE IT REMEMBERED, That on this 2c+h day of 1 am satisfied is the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public state of the same as his voluntary act and deed for the uses and public state of the same as his voluntary act and deed for the uses and public state of the same as his voluntary act and deed for the uses and public state of the uses and public personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who execute foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public state of the uses and public	BE IT REMEMBERED, That on this			Charles J. S	- CIT CITY	
BE IT REMEMBERED, That on this 24th day of April , 2012, before me, a Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and put therein expressed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26th day of APRIL , 2012. STATE OF Ohio Ohio Ohio SSA	BE IT REMEMBERED, That on this 2C+h day of Apri , 2012, before me, a Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property of the person named in and who exect the same as his voluntary act and deed for the uses and property of the same as his voluntary act and deed for the uses and property of the person named in and who exect the property of the person named in and who exect the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the person named in and who exect the property of the person named in and who exect the property of the person named in and who exect the person named in and wh	BE IT REMEMBERED, That on this	STATE OF)		
Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and properties of the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and properties. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26th day of APRIL, 2012. STATE OF Ohio Ohio Ohio Ohio	Public, personally appeared Charles J. Scheib, who I am satisfied is the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property therein expressed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and scal this 26th day of APRIL 2012. STATE OF Ohio Sealed, and delivered the same as his voluntary act and deed for the uses and property in the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and property in the contents thereof.	Public, personally appeared Charles J. Schelb, who I am satisfied is the person named in and who exect foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and p therein expressed. KARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County My Comm. Exp. 5/31/14 IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and ssal this 26th day of APRIL , 2012. STATE OF Ohio COUNTY OF Hamilton Ss. BE IT REMEMBERED, That on this 26th day of April , 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and public never expressed. Notary Public	COUNTY OF	Hamilton) ss.)		
IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26th day of APRIL, 2012. Jeffrey J. Aldridge STATE OF Ohio SS	IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this	IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 26th day of APRIL, 2012. STATE OF COUNTY OF BE IT REMEMBERED, That on this 20th day of April, 2012, before me, a Public, personally appeared 1 personally appeared 1 person named in and who executed foregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and put therein expressed. STATE OF Ohio James L. Aldridge SS. County OF April	Public, personally app foregoing instrument acknowledge that he stherein expressed.	in my presence, and I have igned, sealed, and delivered the igned in the igner is a sealed in the igner is a seale	no I am satisfied is the poving first made known the same as his voluntary and the same as his voluntary as his voluntary and the same as his voluntary and	erson named in an to him the conte	d who execunts thereof,
) es	BE IT REMEMBERED, That on this 24 day of 4 pv., 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and presence.	BE IT REMEMBERED, That on this 24th day of April, 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and putherein expressed. **August 1. **August 2. **Aug	IN TESTIMONY WHI	EREOF, Assignor has hereunt	Sellrey	Lalldud	of JL (L.S.)
	BE IT REMEMBERED, That on this 24th day of April , 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and pu	BE IT REMEMBERED, That on this 24th day of April, 2012, before me, a Public, personally appeared Jeffrey L. Aldridge, who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and put therein expressed. **August 1. **August 2. **A		- 1) ss.		
			DE EE DEME		6th day of 4 pri		efore me, a
Public, personally appeared <u>Jeffrey L. Aldridge</u> , who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and put therein expressed. **Lulauko** **Lulauko**			Public, personally appe foregoing instrument acknowledge that he si	in my presence, and I hav	ing first made known to same as his voluntary a	o him the conter	its thereof,
Public, personally appeared <u>Jeffrey L. Aldridge</u> , who I am satisfied is the person named in and who executoregoing instrument in my presence, and I having first made known to him the contents thereof, acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and put therein expressed. August Au			Public, personally apper foregoing instrument acknowledge that he si therein expressed.	in my presence, and I hav gned, sealed, and delivered th CARA N. TULANKO NOTARY PUBLIC STATE OF OHIO Recorded in Hamilton County	ing first made known to same as his voluntary a	o him the conter	its thereof,

Attorney Docket Number: END7101USNP/110602

Serial No. 13/433,118

Page 6 of 6

IN TESTIMONY WHEREOF, Assi	gnor has hereunto set his hand and seal this 30 th day of
APRIL , 2012.	Natherine 1. Selis
	Katharina Schmid

STATE OF

<u>Ohio</u>

COUNTY OF

Hamilton

SS.

BE IT REMEMBERED, That on this 30th day of 40v. 2012, before me, a Notary Public, personally appeared Katherine J. Schmid, 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



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

ASSIGNMENT

Serial No.	13/433,118
Filed:	March 28, 2012

WHEREAS, Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; Jeffrey S. Swayze, a citizen of the United States, residing at 7047 Birchley Drive, Hamilton, Ohio 45011; Joseph H. Contiliano, a citizen of the United States, residing at 303 Aldin Road, Stewartsville, New Jersey 08886; Chunlin Yang, a citizen of the United States, residing at 93 Matthews Farm Road, Belle Mead, New Jersey 08502; Cortney E. Henderson, a citizen of the United States, residing at 191 Hounds Run, Loveland, Ohio 45140; Taylor W. Aronhalt, a citizen of the United States, residing at 306 Beech Road, Loveland, Ohio 45140; Charles J. Scheib, a citizen of the United States, residing at 11329 Donwiddle Drive, Loveland, Ohio 45140; Jeffrey L. Aldridge, a citizen of the United States, residing at 106 W. Concord Drive, Lebanon, Ohio 45036; and Katherine J. Schmid, a citizen of the United States, residing at 3969 Sharonview Drive, Cincinnati, Ohio 45241 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

TISSUE THICKNESS COMPENSATOR COMPRISING A RESERVOIR

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-3345259 v1 0237980-00444

Attorney Docket Number: END7101USNP/110602 Serial No. 13/433,118 Page 2 of 6

, 20	HEREOF, Assignor has hereun 12.		•
		Frederick E. S	Shelton, IV
STATE OF	Ohio) .) ss.	
COUNTY OF)	
the foregoing instrur	nent in my presence, and I h	aving first made known t	, 2012, before me, a Notary e person named in and who executed to him the contents thereof, he did t and deed for the uses and purposes
		Notary Public	
IN TESTIMONY WI 2012.	IEREOF, Assignor has hereunt	o set his hand and seal this	day of,
		Jeffrey S. Swa	yze (L.S.)
STATE OF	Ohio)	
COUNTY OF) ss.)	
Public, personally appropriate foregoing instrument	peared Jeffrey S. Swayze, whe in my presence, and I have	o I am satisfied is the persing first made known to	, 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

		Notary Public	

Attorney Docket Number: END7101USNP/110602 Serial No. 13/433,118 Page 3 of 6

IN TESTIMONY WHER MAY, 2012.	EOF, Assignor has hereunto set h	nis hand and seal this	
		Joseph H. Cont	tiliano
STATE OF	New Juscy Somerset	ss.	
COUNTY OF	Sonerset)		
Public, personally appeare foregoing instrument in	my presence, and I having fir	um satisfied is the pers st made known to l	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
		Notary Public	1 Tuaddy
		(PATRICIA Ł TWADDLE Notary Public State of New Jersey My Commission Expires Jun 25, 2012
IN TESTIMONY WHERE, 2012.	OF, Assignor has hereunto set hi	s hand and seal this	/0t4_day.of (L.S.)
STATE OF	Nun Jersey)		
COUNTY OF		SS.	
Public, personally appeare foregoing instrument in r	ny presence, and I having firs	tisfied is the person st made known to h	, 2012, before me, a Notary named in and who executed the im the contents thereof, he did nd deed for the uses and purposes
	PATRICIA L TWAI Notary Publi State of New Je My Commission Expires .	c I	1 Suredoly

Attorney Docket Number: END7101USNP/110602 Serial No. 13/433,118 Page 4 of 6

		-		(L.S.)
			Cortney E. H	enderson
STATE OF	Ohio)	s.	
COUNTY OF)	.	
Public, personally ap the foregoing instru	ppeared <u>Cortney E. Her</u> ment in my presence,	iderson, who I and I having first	n satisfied is the made known	, 2012, before me, a Notar person named in and who execute to him the contents thereof, he di t and deed for the uses and purpose
		ī	Votary Public	
		-		
NI TECTIMANIV WI	TYPE TO THE TANK THE	hauarenta ant bia ba	nd and coal thic	1
	HEREOF, Assignor has	nereumo sei ms na	na ana sear uns	day of
, 20		nereunto set ms na		(L.S.)
		ereumo sei nis na		(L.S.)
, 20	12.	ereunto set ms na		(L.S.)
STATE OF)		(L.S.)
STATE OF	Ohio))) s	Taylor W. Ar	onhalt (L.S.)
STATE OF COUNTY OF BE IT REM Public, personally ap foregoing instrument acknowledge that he	Ohio EMBERED, That on the peared Taylor W. Aror in my presence, and) s) s) day day dalt, who I am sa I having first n	Taylor W. Ar s. of tisfied is the perade known to	(L.S.)
STATE OF COUNTY OF BE IT REM Public, personally ap foregoing instrument acknowledge that he	Ohio EMBERED, That on the peared Taylor W. Aror in my presence, and) s) s) day day dalt, who I am sa I having first n	Taylor W. Ar s. of tisfied is the perade known to	(L.S.) onhalt , 2012, before me, a Notar roon named in and who executed the him the contents thereof, he did
STATE OF COUNTY OF BE IT REM Public, personally ap foregoing instrument	Ohio EMBERED, That on the peared Taylor W. Aror in my presence, and) s) s) day thalt, who I am sa I having first new red the same as	Taylor W. Ar s. of tisfied is the perade known to	(L.S.) onhalt , 2012, before me, a Notar roon named in and who executed the him the contents thereof, he did

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			Charles J. S	(L.S.)
STATE OF	Ohio	.)		
COUNTY OF)	SS.	
Public, personally ap foregoing instrumen	opeared <u>Charles J. Sch</u> t in my presence, and	<u>ieib,</u> who I ai d I having f	m satisfied is the pe irst made known t	2012, before me, a Notar erson named in and who executed the to him the contents thereof, he di act and deed for the uses and purpose
			Notary Public	
IN TESTIMONY WI	HEREOF, Assignor has	hereunto set l		(L.S.)
			Jeffrey L. Al	ldridge
STATE OF	Ohio	.)	SS.	
BE IT REM Public, personally ap foregoing instrument acknowledge that he	peared <u>Jeffrey L. Aldr</u> in my presence, and	<u>'idge,</u> who I a I I having fi	m satisfied is the period in the period in the community	2012, before me, a Notar erson named in and who executed the o him the contents thereof, he di ct and deed for the uses and purpose
therein expressed.				

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	HEREOF, Assignor has 012.	hereunto set his hand and seal thi	is day of
		Katherine J	. Schmid
STATE OF	Ohio)) ss.	
COUNTY OF) ss.	
Public, personally ap foregoing instrumen	opeared <u>Katherine J. Sc</u> at in my presence, and	hmid, who I am satisfied is the pI having first made known t	, 2012, before me, a Notary person named in and who executed the to him the contents thereof, he did act and deed for the uses and purposes
		Notary Public	

PATENT REEL: 028357 FRAME: 0838

RECORDED: 06/12/2012