502621738 01/06/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2668347

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EITAN T. WIENER	08/03/2009
SHAN WAN	08/28/2009
DANIEL W. PRICE	07/31/2009
DAVID K. NORVELL	07/31/2009
JAMES R. GIORDANO	07/31/2009

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:	14136836

CORRESPONDENCE DATA

Fax Number: (412)355-6501 Phone: (412) 355-7471

Email: piuspatents@klgates.com

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

Correspondent Name: LAURÉN K. SHUTTLEWORTH

Address Line 1: 210 SIXTH AVENUE
Address Line 2: K&L GATES CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	END6493USDIV1/080592DIV1
NAME OF SUBMITTER:	LAURÉN K. SHUTTLEWORTH
	PAIENI

502621738 REEL: 031895 FRAME: 0069

Signature:	/L. Shuttleworth/
Date:	01/06/2014
Total Attachments: 8 source=AsnSigned#page1.tif source=AsnSigned#page2.tif source=AsnSigned#page3.tif source=AsnSigned#page4.tif source=AsnSigned#page5.tif source=AsnSigned#page6.tif source=AsnSigned#page7.tif source=AsnSigned#page8.tif	

PATENT REEL: 031895 FRAME: 0070

ASSIGNMENT

Serial No.	12/503,769	
Filed: July	15, 2009	

WHEREAS, Eitan T. Wiener, a citizen of the United States, residing at 9519 Croton Drive, Cincinnati, Ohio 45242; Shan Wan, a citizen of the People's Republic of China, residing at 5667 Richmond Park Drive, Mason, Ohio 45040; Daniel W. Price, a citizen of the United States, residing at 185 Overlook Drive, Loveland, Ohio 45140; David K. Norvell, a citizen of the United States, residing at 570 Doverdale Drive, Monroe, Ohio 45050; and James R. Giordano, a citizen of the United States, residing at 5647 Chestnutview Lane, Milford, Ohio 45150; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

ELECTROSURGERY GENERATOR FOR ULTRASONIC SURGICAL INSTRUMENTS

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-2212735 v1 0241980-00126

PATENT REEL: 031895 FRAME: 0071

Attorney Docket Number: END6493USNP/080592 Serial No. 12/503,769 Page 2 of 4

IN TESTIMONY WI	HEREOF, Assignor has here	eunto set his	hand and seal the	his 3 To d	(L.S.)	
STATE OF	Ohio)				
COUNTY OF	Hamilton	,	SS.	_	•	
Public, personally ap foregoing instrument	EMBERED, That on this _ peared <u>Eitan T. Wiener</u> , v in my presence, and I l signed, sealed, and delivered	who I am s having first	atisfied is the p t made known	erson named in to him the co	ntents thereof, he	the did
IN TESTIMONY WI	VIRGINIA A. VANDENE Notary Public, State of My Commission Expl December 15, 201: HEREOF, Assignor has here	Ohio ires 3	Notary Public		don Burg	~
		unio sei ms	nand and sear u	ms a	•	
			Shan Wan	1	(L.S.)	
STATE OF	Ohio)	SS.			
COUNTY OF	· · · · · · · · · · · · · · · · · · ·	Ś				
Public, personally ap instrument in my pre	EMBERED, That on this _ peared Shan Wan, who I as sence, and I having first ma elivered the same as his volu	m satisfied ide known i	is the person na to him the conte	med in and who ents thereof, he	executed the foregodid acknowledge that	oing
			Notary Public			

Attorney Docket Number: END6493USNP/080592 Serial No. 12/503,769 Page 3 of 4

IN TESTIMONY WHERE	EOF, Assignor has hereunto set	nis hand and seal this day of (L.S.) Daniel W. Price
STATE OF	Ohio)	
COUNTY OF	Hamulton }	ss.
Public, personally appear foregoing instrument in acknowledge that he sign therein expressed. IN TESTIMONY WHER	red <u>Daniel W. Price</u> , who I am my presence, and I having f	day of
<u>July</u> , 2009.		David K. Norvell
STATE OF	<u>Ohio</u>)	ss.
COUNTY OF	Hamelton;	
Public, personally appear foregoing instrument in	red <u>David K. Norvell</u> , who I a my presence, and I having	day of, 2009, before me, a Notary m satisfied is the person named in and who executed the first made known to him the contents thereof, he did me as his voluntary act and deed for the uses and purposes
* PURE NOTE OF THE PURE	VIRGINIA A. VANDENBURG Notary Public, State of Ohio My Commission Expires December 15, 2013	Virginia a. Tanton Berry Notary Public

Attorney Docket Number: END6493USNP/080592

Serial No. 12/503,769

Page 4 of 4

IN TESTIMONY	WHEREOF, 2009.	Assignor has hereunto	Ams	Suzoan	y of (L.S.)
			James R.		(===,/

STATE OF

<u>Ohio</u>

COUNTY OF

SS.

BE IT REMEMBERED, That on this _______ day of _________ 2009, before me, a Notary Public, personally appeared <u>James R. Giordano</u>, 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

VIRGINIA A. VANDENBURG Notary Public, State of Ohio My Commission Expires December 15, 2013

ASSIGNMENT

Serial No.	12/503,769	
Filed: July	15, 2009	

WHEREAS, Eitan T. Wiener, a citizen of the United States, residing at 9519 Croton Drive, Cincinnati, Ohio 45242; Shan Wan, a citizen of the People's Republic of China, residing at 5667 Richmond Park Drive, Mason, Ohio 45040; Daniel W. Price, a citizen of the United States, residing at 185 Overlook Drive, Loveland, Ohio 45140; David K. Norvell, a citizen of the United States, residing at 570 Doverdale Drive, Monroe, Ohio 45050; and James R. Giordano, a citizen of the United States, residing at 5647 Chestnutview Lane, Milford, Ohio 45150; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

ELECTROSURGERY GENERATOR FOR ULTRASONIC SURGICAL INSTRUMENTS

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-2212735 vl 0241980-00126

PATENT REEL: 031895 FRAME: 0075

	WHEREOF, Assignor has hereunto set his hand and seal this day of
	Eitan T. Wiener
STATE OF	Ohio) ss.
Public, personally foregoing instrume	MEMBERED, That on this day of, 2009, before me, a Notary appeared <u>Eitan T. Wiener</u> , who I am satisfied is the person named in and who executed the ent in my presence, and I having first made known to him the contents thereof, he did as signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes
	Notary Public
A 1	WHEREOF, Assignor has hereunto set his hand and seal this 3th day of 2009. (L.S.) Shan Wan
STATE OF	People's Republic of China) Municipality of Shanghai ConsOnic General of the 1888: United States of America 1 ss.
Public, personally instrument in my p	day of
	Notary Public
	Laura E. Anderson Vice Consul of the United States of America
	American Consultate General Shanghai China

PRESIDENTIAL COMMISSIONS DO NOT EXPIRE

	09.		(L.S	:3			
		Dan	niel W. Price	· ·			
STATE OF	Ohio)) ss.					
COUNTY OF)					
Public, personally ap foregoing instrument	ppeared <u>Daniel W. Pri</u> t in my presence, and	ce, who I am satisfied I having first made	is the person named in and who known to him the contents the columnary act and deed for the uses a	executed the reof, he did			
·	•	Notar	y Public				
	HEREOF, Assignor has	hereunto set his hand a	nd seal this day of	2)			
		David K. Norvell					
STATE OF	<u>Ohio</u>	.)) ss.					
COUNTY OF		- ,					
BE IT REA Public, personally a foregoing instrumer	ppeared <u>David K. Nor</u> nt in my presence, an	vell, who I am satisfied d I having first made	, 2009, before I is the person named in and who known to him the contents the voluntary act and deed for the uses	executed the creof, he did			

Attorney Docket Number: END6493USNP/080592 Serial No. 12/503,769 Page 4 of 4

IN TESTIMONY WE	IEREOF, Assignor has 1 19.	iereunto set	his hand and s	eal this	day of
			James	R. Giordano	(L.S.)
STATE OF	Ohio)			
COUNTY OF)	SS.		
Public, personally appropriate foregoing instrument	peared <u>James R. Giord</u> t in my presence, and	ano, who I I having	am satisfied is first made kn	s the person nar nown to him th	, 2009, before me, a Notary ned in and who executed the he contents thereof, he die eed for the uses and purpose
			Notary P	Public .	

PATENT REEL: 031895 FRAME: 0078

RECORDED: 01/06/2014