# 502600391 12/12/2013

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2646705

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL W. PRICE	11/19/2013
WILLIAM E. CLEM	11/21/2013
MATTHEW C. MILLER	11/19/2013
CORY G. KIMBALL	11/19/2013
BRENNAN G. MCCABE	11/24/2013
JEFFREY D. MESSERLY	11/19/2013
SHAWN C. SNYDER	11/19/2013

### 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:	29472538

## **CORRESPONDENCE DATA**

 Fax Number:
 (513)337-8489

 Phone:
 513-337-7158

 Email:
 Vvanden5@its.jnj.com

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

Correspondent Name: JOHNSON & JOHNSON, PHILIP S. JOHNSON

Address Line 1: ONE JOHNSON & JOHNSON PLAZA
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

ATTORNEY DOCKET NUMBER: END6673USDCO2

PATENT

REEL: 031773 FRAME: 0725

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NAME OF SUBMITTER: VIRGINIA VANDENBURG	
Signature:	/Virginia VanDenBurg/
Date:	12/12/2013
Total Attachments: 24	
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### ASSIGNMENT

Serial No.: 29/472,538 Filed: November 13, 2013

WHEREAS, Daniel W. Price, a citizen of the United States of America, residing at 185 Overlook Drive, Loveland, Ohio 45140; William E. Clem, a citizen of the United States of America, residing at 560 Evening Star Lane, Bozeman, Montana 59715; Matthew C. Miller, a citizen of the United States of America, residing at 2221 Washington Avenue, Cincinnati, Ohio 45212; Cory G. Kimball, a citizen of the United States of America, residing at 3795 Layhigh Road, Hamilton, Ohio 45013; Brennan G. McCabe, a citizen of the United States of America, residing at 501 Delta Avenue, Cincinnati, Ohio 45226; Jeffrey D. Messerly, a citizen of the United States of America, residing at 6757 Treeridge Drive, Cincinnati, Ohio 45244; and Shawn C. Snyder, a citizen of the United States of America, residing at 207 Park Grove Avenue, Greendale, Indiana 47025; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

### SURGICAL CONNECTOR

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

WHEREAS, Ethicon Endo-Surgery, Inc., located at 4545 Creek Road, Cincinnati, Ohio 45242, 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

END6673USDCO2 Page 1 of 8

the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WI of <i>November</i> , 2013.	fEREOF, Assignor has hereunto set his hand and seal this 1946 day  Daniel W. Price
STATE OF OHIO	
COUNTY OF HAMILTON	) ss.
foregoing instrument in my p	D, That on this day of 12013, before me, a Notary niel W. Price, who I am satisfied is the person named in and who executed the resence, and I having first made known to him the contents thereof, he did ealed, and delivered the same as his voluntary act and deed for the uses and Notary Public
A Notary I	ERRI KING Public, State of Ohio pumission Expires pember 28, 2017

END6673USDCO2 Page 2 of 8

IN TESTIMONY WHEREOF, Assignation, 2013.	or has hereunto se	t his hand and seal this day of
		(L.S.)
	William E. Clem	3
STATE OF		
BE IT REMEMBERED, That on this Public, personally appeared William E. Clem, the foregoing instrument in my presence, and I acknowledge that he signed, sealed, and deliver purposes therein expressed.	who I am satisfied having first made \	cnown to him the contents thereof, he did
	Notary Public	

END6673USDCO2 Page 3 of 8

STATE OF OHIO  STATE OF OHIO  BE IT REMEMBERED, That on this day of
STATE OF OHIO  SS.  COUNTY OF HAMILTON  BE IT REMEMBERED, That on this day of
COUNTY OF HAMILTON  BE IT REMEMBERED, That on this day of, 2013, before me, a Notary Public, personally appeared Matthew C. Miller, 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
COUNTY OF HAMILTON  BE IT REMEMBERED, That on this day of, 2013, before me, a Notary Public, personally appeared Matthew C. Miller, 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
BE IT REMEMBERED, That on this day of
Public, personally appeared Matthew C. Miller, 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
Public, personally appeared Matthew C. Miller, 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
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
-arknowlengs that he gither seried and deliverittee raine as his vollitiery act and licky lot ups uses all
purposes therein expressed.
Notary Public Total Public Tota



SHERRI KING Notary Public, State of Ohio My Commission Expires November 28, 2017

> END6673USDCO2 Page 4 of 8

	EREOF, Assignor has hereunto set his hand and seal this/246 day
of <u>/ / 2013.</u>	<u> </u>
	Cory G. Kimball
STATE OF OHIO	) ss.
COUNTY OF HAMILTON	)
Public, personally appeared Cou	O, That on this day of



SHERRI KING Notary Public, State of Ohio My Commission Expres Movember 28, 2017

> END6673USDCO2 Page 5 of 8

of	IN TESTIMONY WHEREOF, Assigne, 2013.	y nas nereunio se	t the maint dun een	uns usy
				(L.S.)
		Brennan G. McC		
STATI	E OF			
COUN	E OF			
execute he did	BE IT REMEMBERED, That on this, personally appeared <b>Brennan G. McC</b> ated the foregoing instrument in my presence acknowledge that he signed, sealed, and durposes therein expressed.	abe, who I am sa e, and I having first	tisfied is the person made known to him	named in and who the contents thereof,
		Notary Public		

END6673USDCO2 Page 6 of 8

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 1974 day of November, 2013.  Jeffrey D. Messerly (L.S.)
STATE OF OHIO ) ss. COUNTY OF HAMILTON )
BE IT REMEMBERED, That on this
SHERPI KING  Notary Public, State of Ohio  My Commission Expires  November 28, 2017

END6673USDCO2 Page 7 of 8

of Nols most, 2013.  Shawn-C Snyder (L.S.)
STATE OF OHIO ) ss. COUNTY OF HAMILTON )
BE IT REMEMBERED, That on this

SHERRI KING Notary Public, State of Ohio My Commission Expres November 20, 2017

> END6673USDCO2 Page 8 of 8

#### ASSIGNMENT

Serial No.: 29/472,538 Filed: November 13, 2013

WHEREAS, Daniel W. Price, a citizen of the United States of America, residing at 185 Overlook Drive, Loveland, Ohio 45140; William E. Clem, a citizen of the United States of America, residing at 560 Evening Star Lane, Bozeman, Montana 59715; Matthew C. Miller, a citizen of the United States of America, residing at 2221 Washington Avenue, Cincinnati, Ohio 45212; Cory G. Kimball, a citizen of the United States of America, residing at 3795 Layhigh Road, Hamilton, Ohio 45013; Brennan G. McCabe, a citizen of the United States of America, residing at 501 Delta Avenue, Cincinnati, Ohio 45226; Jeffrey D. Messerly, a citizen of the United States of America, residing at 6757 Treeridge Drive, Cincinnati, Ohio 45244; and Shawn C. Snyder, a citizen of the United States of America, residing at 207 Park Grove Avenue, Greendale, Indiana 47025; (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

#### SURGICAL CONNECTOR

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

WHEREAS, Ethicon Endo-Surgery, Inc., located at 4545 Creek Road, Cincinnati, Ohio 45242, 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 asid 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

END6673USDCO2 Page 1 of 8

the complete title to the said invasid title.	ventions and disci	overies and patents n	ereny conveyed and to e	alabie il io lecord
IN TESTIMONY WI		nor has hereunto se	t his hand and seal thi	is day
				(L.S.)
		Daniel W. Price		
STATE OF OHIO COUNTY OF HAMILTON	) ) ss. )			
BE IT REMEMBERE Public, personally appeared <b>Da</b> foregoing instrument in my pr acknowledge that he signed, so purposes therein expressed.	niel W. Price, where the price with the resence, and I has	ho I am satisfied is the wing first made kno	own to him the content	who executed the s thereof, he did
		Notary Public		

END6673USDCO2 Page 2 of 8

IN TESTIMONY WHEREOF, A NOVEMBE 12,2013.	ssignor has hereunto set his hand and seal this day of(L.S.)
STATE OF MONTAGES COUNTY OF GALLATS	
Public, personally appeared William E. C the foregoing instrument in my presence.	this 2 day of Novalary 2013, before me, a Notary lem, who I am satisfied is the person named in and who executed and I having first made known to him the contents thereof, he did delivered the same as his voluntary act and deed for the uses and Notary Public
	Kimberly S Alberda Notary Public For the State of Montane Residing at: Manhattan, Montane My Commission Expires: December 15, 2015

IN TESTIMONY WHEF	SOF, Assignor has hereunto set his hand and se	eal this day
		(L.S.)
	Matthew C. Miller	
STATE OF OHIO ) COUNTY OF HAMILTON )	ss.	
COUNTY OF HAMILTON )		
	â	
Public, personally appeared Matth the foregoing instrument in my pr	nat on this	ed in and who executed contents thereof, he did
	Notary Public	

END6673USDCO2 Page 4 of 8

		Cory G. Kimball	(L.S.)
STATE OF OHIO	)		
STATE OF OHIO COUNTY OF HAMILTON	) \$8.		
BE IT REMEMBEREI	), That on this	day of	, 2013, before me, a Notary
Public, personally appeared Co- the foregoing instrument in my	ry G. Kimball, who presence, and I has	to I am satisfied is the wing first made know	e person named in and who executed in to him the contents thereof, he did antary act and deed for the uses and
purposes therein expressed.		Notary Public	

END6673USDCO2 Page 5 of 8

	~~~~~	(L.S.)
•	Brennan G. McCabe	
STATE OF)		
STATE OF		
BE IT REMEMBERED, That on this Public, personally appeared Brennan G. McCal	day of be what am satisfi	, 2013, before me, a Notary
executed the foregoing instrument in my presence, the did acknowledge that he signed, sealed, and de and purposes therein expressed.	and I having first ma-	de known to him the contents thereof,

END6673USDCO2 Page 6 of 8

		<u></u>		(L.S.)
		Jeffrey D. Messeriy		
STATE OF OHIO COUNTY OF HAMILTON	) os			
COUNTY OF HAMILTON	) 55%			
BE IT REMEMBER: Public, personally appeared Jo the foregoing instrument in o acknowledge that he signed, purposes therein expressed.	effirey D. Messerly, to presence, and I have	who I am satisfied is a aving first made know	wn to him the content	ad who executed s thereof, he did

END6673USDCO2 Page 7 of 8

of, 2013.	EREOF, Assignor	has hereunto set	his hand a	nd seal this	day
	Š	ihawn C. Snyder			(L.S.)
STATE OF OHIO COUNTY OF HAMILTON	) ) ss. )				
BE IT REMEMBERE! Public, personally appeared Sha the foregoing instrument in my acknowledge that he signed, so purposes therein expressed.	awn C. Snyder, who	to I am satisfied is ving first made ka	s the person nown to him	named in and the contents	f who executed thereof, he did
	~	Notary Public			

END6673USDCO2 Page 8 of 8

#### ASSIGNMENT

Serial No.: 29/472,538 Filed: November 13, 2013

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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 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

END6673USDCO2 Page 1 of 8

the complete title to the said invested title.	entions and discove	eries and patents heret	ry conveyed and to er	iadie ii io reciru
IN TESTIMONY WI		has hereunto set hi	s hand and seal this	; day
				(L.S.)
		Daniel W. Price		
STATE OF OHIO COUNTY OF HAMILTON	) ) ss. )			
BE IT REMEMBERE Public, personally appeared <b>Da</b> foregoing instrument in my pr acknowledge that he signed, s purposes therein expressed.	niel W. Price, who resence, and I havi	I am satisfied is the p ing first made known	erson named in and verto him the contents	who executed the thereof, he did
		Notary Public		

END6673USDCO2 Page 2 of 8

		(L.S.)
	William E. Clem	
STATE OF		
COUNTY OF		
BE IT REMEMBERED, That on this	day of	, 2013, before me, a Notary
Public, personally appeared William E. Clem, we the foregoing instrument in my presence, and I hacknowledge that he signed, sealed, and delivered purposes therein expressed.	tho I am satisfied is the naving first made know	e person named in and who executed on to him the contents thereof, he did

END6673USDCO2 Page 3 of 8

				(L.S.)
		Matthew C. Mill		
STATE OF OHIO COUNTY OF HAMILTON	) ) ss. )			
BE IT REMEMBERE Public, personally appeared Ma the foregoing instrument in my acknowledge that he signed, so purposes therein expressed.	atthew C. Miller, oresence, and I had	who I am satisfied aving first made k	is the person name nown to him the o	contents thereot, he did
		Notary Public		

END6673USDCO2 Page 4 of 8

IN TESTIMONY WI		or has hereunto	set his har	id and scal t	this de	ay
		Cory G. Kimi			(L.S.)	
		(3/3) (3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/	<b>7</b>			
STATE OF OHIO	)					
STATE OF OHIO COUNTY OF HAMILTON	) 55.					
BE IT REMEMBERE Public, personally appeared Co the foregoing instrument in my acknowledge that he signed, s purposes therein expressed.	ory G. Kimball, z presence, and I	who I am satisfic having first mad	ed is the per: le known to	son named in him the cont	n and who execut tents thereof, he d	ea lid
		Ninima Phil			•	
		Notary Pub	olic		,	

END6673USDCO2 Page 5 of 8

IN TESTIMONY WHEREOF, Assigno of November 2013.	tr has hereunto set his hand and seal this 244 day (L.S.)
	Brennan G. McCabe
STATE OF AMILIAN SS.	Rose McCabe  Notary Public, State of Ohio  My Commission Expires 03-17-2014
Public, personally appeared Brennan G. McCa	day of Acade 2013, before me, a Notary abe, who I am satisfied is the person named in and who and I having first made known to him the contents thereof, elivered the same as his voluntary act and deed for the uses
	Notary Public

END6673USDCO2 Page 6 of 8

of, 2013.	/n n
	Jeffrey D. Messerly
STATE OF OHIO COUNTY OF HAMILTON	) ) ss. )
Public, personally appeared Jet	D, That on this
	Notary Public

END6673USDCO2 Page 7 of 8

of, 2013.				A. W.	
		Shawn C. Snyde	<u></u>	(L,\$.)	
STATE OF OHIO	)				
STATE OF OHIO COUNTY OF HAMILTON	) 82.				
BE IT REMEMBERE Public, personally appeared Sh the foregoing instrument in my acknowledge that he signed, s purposes therein expressed.	awn C. Snyder, resence, and I	who I am satisfied having first made k	is the person nam nown to him the	ed in and who exect contents thereof, he	uted did

END6673USDCO2 Page 8 of 8

PATENT REEL: 031773 FRAME: 0750

**RECORDED: 12/12/2013**