502658799 01/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2705406

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	/ DATA						
		Name	Execution Date]			
FREDERICK E. SHE	ELTON IV		01/08/2014				
CHESTER O. BAXT	ER III		01/08/2014				
RECEIVING PARTY DATA							
Name:	ETHICON ENDO-SURGERY, INC.						
Street Address:	4545 CREEK I	4545 CREEK ROAD					
City:	CINCINNATI	CINCINNATI					
State/Country:	ОНІО						
Postal Code:	45242						
PROPERTY NUMBERS Total: 1							
Property Type		Nun	Number				
Application Number: 14138		14138505					
CORRESPONDENCE DATA							
Fax Number:	Fax Number: (412)355-6501						
Phone:	(412) 355-7471						
Email:	Email: piuspatents@klgates.com						
· ·		il when the email attempt is unsuccessful					
Correspondent Name		RÉN K. SHUTTLEWORTH					
Address Line 1:		SIXTH AVENUE					
		GATES CENTER					
Address Line 4:	PITT	SBURGH, PENNSYLVANIA 15222-2613					

ATTORNEY DOCKET NUMBER:	END7344USNP/130308		
NAME OF SUBMITTER:	LAURÉN K. SHUTTLEWORTH		
Signature:	/L. Shuttleworth/		
Date:	01/30/2014		

Total Attachments: 2

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PATENT REEL: 032090 FRAME: 0782

DOCKET NO. END7344USNP/130308

Joint Inventors

ASSIGNMENT

Serial N	١o	14/138	3,505	<u> </u>	
Filed:	Dece	mber	23, 2	2013	

WHEREAS, Frederick E. Shelton, IV, a citizen of the United States, residing at 245 East Main Street, Hillsboro, Ohio 45133; 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:

FASTENER CARTRIDGE COMPRISING AN EXTENDABLE FIRING MEMBER

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.

Attorney Docket Number: END7344USNP/130308 Serial No. 14/138,505 Page 2 of 2

IN TESTIMONY WI	EREOF, Assignor has hereunto set his hand and seal this the day of
(Frederick E. Shelton, IV
STATE OF	Ohio)
COUNTY OF	Homitten ss.
Public, personally app	MBERED, That on this day of, 2014, before me, a Notary ared Frederick E. Shelton, IV, who I am satisfied is the person named in and who executed nt in my presence, and I having first made known to him the contents thereof, he did ened, sealed, and delivered the same as his voluntary act and deed for the uses and purposes. SHERRI KING Notary Public, State of Ohlo Notary Public November 28, 2017
IN TESTIMONY WH 2014.	REOF, Assignor has hereunto set his hand and seal this day of
STATE OF	Ohio) ss.
Public, personally app foregoing instrument acknowledge that he s therein expressed.	MBERED, That on this

PATENT REEL: 032090 FRAME: 0784

RECORDED: 01/30/2014