PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
		Name	Execution Date			
Gregory Sorrentino			07/30/2010			
Kenneth H. Whitfield			09/30/2010			
RECEIVING PARTY DATA						
Name:	Tyco Healthcare Group, LP					
Street Address:	60 Middletown Av	60 Middletown Avenue				
City:	North Haven	North Haven				
State/Country:	CONNECTICUT					
Postal Code:	06473					
PROPERTY NUMBERS Total: 1						
Property Type		Number				
Application Number: 12817		17293				
Property Type Number Application Number: 12817293 CORRESPONDENCE DATA						
Fax Number:(203)821-2183Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
Phone: 203-492-5000						
Email:	patents.surgi	cal@covidien.com				
Email: Correspondent Name	patents.surgi : Tyco Healtho	cal@covidien.com care Group, LP				
Email: Correspondent Name Address Line 1:	patents.surgi : Tyco Healtho 555 Long Wł	cal@covidien.com care Group, LP narf Drive				
Email: Correspondent Name	patents.surgi : Tyco Healtho 555 Long Wł Mailstop 8 N	cal@covidien.com care Group, LP narf Drive				
Email: Correspondent Name Address Line 1: Address Line 2:	patents.surgi : Tyco Healtho 555 Long Wł Mailstop 8 N New Haven,	cal@covidien.com care Group, LP narf Drive -1				
Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	patents.surgi : Tyco Healtho 555 Long Wł Mailstop 8 N New Haven,	cal@covidien.com eare Group, LP narf Drive -1 CONNECTICUT 06511				

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Attorney Docket No. H-US-00570 PATENT

- For: [X] U.S. and/or [X] Foreign Rights
- For: [X] U.S. Application or [] U.S. Patent

[X] Inventor(s) or [] Present Owner By :

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS:

> Gregory Sorrentino Kenneth Whitfield

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

> Recorded on: Reel: Frame:

hereby sells, assigns and transfers to

ASSIGNEE:

Tyco Healthcare Group LP 60 Middletown Avenue North Haven, CT 06473 US

and the successors, assigns and legal representatives of the ASSIGNEE

[X] the entire right, title and interest

[] an undivided ______ percent (_____%) interest for the United States and its territorial possessions

[X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

SURGICAL STAPLE

and which is found in

- U.S. patent application executed on even date herewith. [] (a)
- U.S. patent application executed on (b) []
- U.S. application Serial No. 12/817,293 filed on 06/17/2010 [X] (C)
- U.S. provisional application No. _____ filed on _____ (d) []
- (e) []
- U.S. Patent No. _____ issued _____ PCT application No. _____ filed on (f) []
 - [] A change of address to which correspondence is to be sent Regarding patent maintenance fees is being sent separately
- and any legal equivalent thereof in a foreign country, including the right to claim (g) [X] priority and, in and to, all Letters Patent to be obtained for said invention by the Page 1 of 3

(g) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE

ASSIGNORS further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Sorrentino

2. Kenneth H. Whitfield

Dated

[] Check here for added signature pages for third and subsequent inventors.

[X] Notarization or Legalization Page Added

Page 2 of 3

PATENT REEL: 025136 FRAME: 0385 State of Connecticut County of New Haven) ss Wallingford, CT Before me this 5 day of August 2010,

personally appeared <u>Gregory Sorrentino</u> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notery Public Notery Public My Commission Expires 2/20/12

AFFIX SEAL

2.

State of Connecticut

County of

Before me this ____ day of _____ 2010,

SS

)

personally appeared <u>Kenneth H. Whitfield</u> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

)

Notary Public

AFFIX SEAL

PATENT REEL: 025136 FRAME: 0386

1.

Attorney Docket No. H-US-00570 PATENT

[X] U.S. and/or [X] Foreign Rights For:

[X] U.S. Application or [] U.S. Patent For:

[X] inventor(s) or [] Present Owner By:

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS:

> **Gregory Sorrentino** Kenneth Whitfield

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

> Recorded on: Reel: Frame:

hereby sells, assigns and transfers to

ASSIGNEE:

· •

Tyco Healthcare Group LP 60 Middletown Avenue North Haven, CT 06473 US

and the successors, assigns and legal representatives of the ASSIGNEE

[X] the entire right, title and interest

[] an undivided ______ percent (_____%) interest for the United States and its territorial possessions

[X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

SURGICAL STAPLE

and which is found in

- U.S. patent application executed on even date herewith. (a) []
- U.S. patent application executed on (b) []
- U.S. application Serial No. 12/817,293 filed on 06/17/2010 (c) [X]
- U.S. provisional application No. _____ filed on _____ (d) []
- U.S. Patent No. _____ issued _____ PCT application No. _____ (e) []
- filed on (f) []
 - [] A change of address to which correspondence is to be sent Regarding patent maintenance fees is being sent separately
- (g) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the

above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Gregory Sorrentino 2 Whitfield

Dated 1-30-10 Dated

[] Check here for added signature pages for third and subsequent inventors.

[X] Notarization or Legalization Page Added

PATENT REEL: 025136 FRAME: 0388 1.

State of Connect	icut)
)	SS	
County of)		
(Before me this	day of	2010,

personally appeared <u>Gregory Sorrentino</u> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

2.

State of Connecticut County of New Haven) ss Nbeth Haven' Before me this <u>30</u>^{rh} day of <u>September</u> 2010,

personally appeared <u>Kenneth H. Whitfield</u> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL