506317485 10/22/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6364235

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STANISLAW MARCZYK	03/05/2012
RUSSELL PRIBANIC	03/05/2012

RECEIVING PARTY DATA

Name:	COVIDIEN LP
Street Address:	15 HAMPSHIRE STREET
City:	MANSFIELD
State/Country:	MASSACHUSETTS
Postal Code:	02048

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17076013

CORRESPONDENCE DATA

Fax Number: (203)492-5785

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

2034925000 Phone:

Email: jdascoli@carterdeluca.com

Correspondent Name: COVIDIEN LP

Address Line 1: **60 MIDDLETOWN AVENUE** Address Line 2: MAILSTOP 54, LEGAL DEPT.

Address Line 4: NORTH HAVEN, CONNECTICUT 06473

ATTORNEY DOCKET NUMBER:	H-US-03182US01CON
NAME OF SUBMITTER:	JUSTIN J. RIPLEY
SIGNATURE:	/Justin J. Ripley, Reg. #59187/
DATE SIGNED:	10/22/2020

Total Attachments: 5

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PATENT REEL: 054144 FRAME: 0143 506317485

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PATENT REEL: 054144 FRAME: 0144

PATENT

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor or [] Present Owner

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:	Stanislaw Marczyk Russell Pribanic
(If assignment is PTO add the fol	s by person or entity to whom invention was previously assigned and this was recorded in lowing) Recorded on: Reel Frame
hereby sells, as	signs and transfers to
ASSIGNEE:	Tyco Healthcare Group LP 15 Hampshire Street Mansfield, MA 02048 US
and the success	sors, assigns and legal representatives of the ASSIGNEE
[X] the entire ri	ght, title and interest
[] an undivided possessions	percent (%) interest for the United States and its territorial
future infringem	reign countries, including all rights to claim priority, the right to sue for present, past and ent, in the United States, its territorial possessions, and in all foreign countries, including all ention rights in and to the invention and any and all improvements entitled:
	APPARATUS AND METHOD OF FORMING BARBS ON A SUTURE
and which is for	und in
(a) [] (b) [] (c) [X] (d) [X] (e) [] (f) [] [] (g) [X]	U.S. patent application executed on U.S. patent application executed on U.S. application Serial No. 13/417,612 filed on March 12, 2012. U.S. provisional application No. 61/480,658 filed on April 29, 2011. U.S. Patent No issued PCT application No filed on 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 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.

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

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

ASSIGNORS further covenant 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 therefore 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 therefore; 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 grant 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.

Stanislaw Marczyk

State of Connecticut)) s

County of New Haven)

Before me this 5 day of 0 2012,

personally appeared <u>Stanislaw Marczyk</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

05- March- 2012 (Dated)

AFFIX SEAL

Russell Pribanic	(Dated)
State of Connecticut)) ss County of New Haven) Before me this day of	O(C) 2012,
personally appeared <u>Russell Pribanic</u> to me personal executed the above instrument, and acknowledged to will for the purposes therein set forth.	o me that he/she executed the same of his own free
AFFIX SEAL	Notary Public
	Priscilla Vorel Notary Public-Connecticut My Commission Expires December 31, 2013



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The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF

DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT

COPY OF THE CERTIFICATE OF AMENDMENT OF "TYCO HEALTHCARE GROUP

LP", CHANGING ITS NAME FROM "TYCO HEALTHCARE GROUP LP" TO

"COVIDIEN LP", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF

SEPTEMBER, A.D. 2012, AT 9:48 O'CLOCK A.M.

2946789 8100

121078474

You may verify this certificate online at corp.delaware.gov/authver.shtml

DATE: 09-28-12

PATENT REEL: 054144 FRAME: 0148

AUTHENT CATION: 9879917

State of Delaware Secretary of State Division of Corporations Delivered 09:48 AM 09/28/2012 FILED 09:48 AM 09/28/2012 SRV 121078474 - 2946789 FILE

STATE OF DELAWARE AMENDMENT TO THE CERTIFICATE OF LIMITED PARTNERSHIP

The undersigned, desiring to amend the Certificate of Limited Partnership pursuant to the provisions of Section 17-202 of the Revised Uniform Limited Partnership Act of the State of Delaware, does hereby certify as follows:

ECOND: Article First of the Certificat	te of Limited Partnership shall be amended as
ollows:	
The name of the Limited Partnership is Covidier Article Third shall be amended as follows: The name of the general partner has been change	
N WITNESS WHEREOF, the undersig	ned executed this Amendment to the Certificat
of Limited Partnership on this 28 day	of September, A.D. 2012.
	By:
	Name:
	COVIDIEN HOLDING INC. ITS GENERAL PA

DE077 - 09/05/2007 C T System Online

PATENT REEL: 054144 FRAME: 0149

⁷ RECORDED: 10/22/2020