503914606 07/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3961258

SUBMISSION TYPE:		CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYAN	NCE:	Corrective Assignment to correct the IN SERIAL NUMBER 15166473 previously 0469. Assignor(s) hereby confirms the	y recorded on Reel 038956 Fra		
RESUBMIT DOCUMENT ID:		503883293	503883293		
CONVEYING PARTY D	ΔΤΑ				
		Name	Execution Date		
AARON M. FORTSON			03/06/2013		
WOUTER E. ROORDA			03/07/2013		
RECEIVING PARTY DA	ТА				
Name:	ABBOT	T CARDIOVASCULAR SYSTEMS, INC.			
Street Address:	3200 LA	KESIDE DRIVE			
City:	SANTA	CLARA			
State/Country:	CALIFO	RNIA			
Postal Code:	95054				
PROPERTY NUMBERS Property Type		Number			
PROPERTY NUMBERS	Total: 1	Number			
PROPERTY NUMBERS Property Type	Total: 1				
PROPERTY NUMBERS Property Type Application Number:	Total: 1				
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Email:	Total: 1 Total: 1 ATA (e sent to provided; r	15186730 801)328-1707 <i>the e-mail address first; if that is unsucce</i> <i>if that is unsuccessful, it will be sent via</i> nshupe@wnlaw.com	<i>,</i>		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name:	Total: 1 Total: 1	801)328-1707 <i>the e-mail address first; if that is unsucce</i> <i>if that is unsuccessful, it will be sent via</i> nshupe@wnlaw.com WORKMAN NYDEGGER/ABBOTT	<i>,</i>		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Email: Correspondent Name: Address Line 1:	Total: 1 Total: 1 ATA (e sent to provided; r V 6	15186730 801)328-1707 <i>the e-mail address first; if that is unsucce</i> <i>; if that is unsuccessful, it will be sent via</i> nshupe@wnlaw.com WORKMAN NYDEGGER/ABBOTT 60 EAST SOUTH TEMPLE	<i>,</i>		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 2:	Total: 1 Total: 1 ATA (e sent to provided; r V 6 S	15186730 801)328-1707 <i>the e-mail address first; if that is unsucce</i> <i>; if that is unsuccessful, it will be sent via</i> nshupe@wnlaw.com NORKMAN NYDEGGER/ABBOTT 50 EAST SOUTH TEMPLE SUITE 1000	<i>,</i>		
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Total: 1 Total: 1	15186730 801)328-1707 <i>the e-mail address first; if that is unsucce</i> <i>; if that is unsuccessful, it will be sent via</i> nshupe@wnlaw.com NORKMAN NYDEGGER/ABBOTT 50 EAST SOUTH TEMPLE SUITE 1000	<i>,</i>		
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Total: 1 Total: 1 ATA (e sent to provided; r V 6 S	801)328-1707 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via nshupe@wnlaw.com NORKMAN NYDEGGER/ABBOTT 50 EAST SOUTH TEMPLE SUITE 1000 SALT LAKE CITY, UTAH 84111 16497.214.1.1	<i>,</i>		

Total Attachments: 8

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYI	PE:	NEW ASSIGNMENT		
NATURE OF CON	VEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
	Na		Execution Date	e
AARON M. FORT	SON		03/06/2013	
WOUTER E. ROO	RDA		03/07/2013	
RECEIVING PAR	TY DATA			
Name:	ABBOTT CAR	DIOVASCULAR SYSTEN	1S, INC.	
Street Address:	3200 LAKESII	DE DRIVE		
City:	SANTA CLAR	A		
State/Country:	CALIFORNIA			
Postal Code:	95054	*****		
Property 7	Гуре			
Поренту			Number	
Application Numb		166473	Number	
Application Numb	ber: 15		Number	
CORRESPONDEN	Der: 15	-1707	Number	
CORRESPONDEN Fax Number: Email: Correspondence will be se	CE DATA (801)328- mshupe@ ent to the e-mail addres	-1707 2)wnlaw.com	be sent using a fax number, if provided; if	
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CORRESPONDEN Fax Number: Email: Correspondence will be see that is unsuccessful, it will Correspondent Name: Address Line 1: Address Line 2:	CE DATA (801)328- mshupe@ mshupe@ int to the e-mail addres i be sent via US Mail. WORKM 60 EAST SUITE 10 SALT LA	-1707 wnlaw.com ss first; if that is unsuccessful, it wil IAN NYDEGGER/ ABBOTT SOUTH TEMPLE 000 AKE CITY, UTAH 84111		
CORRESPONDEN Fax Number: Email: Correspondence will be se that is unsuccessful, it will Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	CE DATA (801)328- mshupe@ mt to the e-mail address l be sent via US Mail. WORKM 60 EAST SUITE 10 SALT LA KET NUMBER:	-1707 wnlaw.com ss first; if that is unsuccessful, it wil IAN NYDEGGER/ ABBOTT SOUTH TEMPLE 000 AKE CITY, UTAH 84111		
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RECEIPT INFORMATIO)N
EPAS ID: Receipt Date:	PAT3925376 06/20/2016

COMBINED DECLARATION AND ASSIGNMENT

DECLARATION

TITLE OF APPLICATION: SUTURING DEVICES AND METHODS

As a below named inventor, I hereby declare that:

This declaration and assignment is directed to:

The attached application;

 \boxtimes

United States Application No. _____ filed on _____; or

The application which was filed on _____ as PCT International Application No. _____ and was amended on ______ (*if applicable*)[nationalization in the United States Patent and Trademark Office requested on _____, currently assigned United States Patent Application No. _____].

I hereby authorize the patent attorneys and/or patent agents of Workman Nydegger to insert the above Application No(s). and filing date(s) when known.

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s). I believe that I am the original inventor or an original joint inventor of one or more claimed inventions in the above-identified application.

I hereby state that I am aware of the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

I, as Assignor, am the original inventor or an original joint inventor of the subject matter disclosed and/or claims in the above-identified application and am desirous to sell, assign and transfer the entire right, title and interest in and to one or more inventions disclosed in the aboveidentified application, the above-identified application and any and all letters patent which may be

> Docket No. 16497-214.1/10415USP1 Page 1

PATENT REEL: 039155 FRAME: 0156 granted for the one or more inventions in the United States of America and its territorial possessions and in any and all foreign countries.

Abbott Cardiovascular Systems, Inc. of the state of California and having a principal place of business at 3200 Lakeside Drive, Santa Clara, California, 95054, is desirous of acquiring the entire right, title and interest in and to the one or more inventions, the above-identified application, and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

In exchange for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer and agree to assign unto the Assignee, the entire right, title and interest in and to the one or more inventions, the above-identified application, any earlier filed provisional applications to which the above-identified application claims priority including any inventions disclosed therein and the right to claim priority thereto, and any and all letters patent which may be granted for the one or more inventions in the United States of America and its territorial possessions and in any and all foreign countries, and any and all divisions, reissues, continuations, continuation-in-parts, and substitutes thereof, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from the above-identified application and all letters patent on the one or more inventions, the above-identified application and all letters application to which the foreign applications are entitled by virtue of international convention, treaty or otherwise, the one or more inventions, the above-identified application and all letters patent on the one or more inventions to be held and enjoyed by Assignee and its successors and assigns for their use and benefit as fully and entirely as the same would have been held and enjoyed by myself had this assignment, transfer and sale not been made.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue all letters patent on the inventions to Assignee.

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

I agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on the one or more inventions, for litigation regarding the letters patent, or for the purpose of protecting title to the one or more inventions or letters patent therefor.

Aaron	(m)	M.	Fortson
(GIVEN NAME)	<u> </u>	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature:		1 Vkronnen	
Date: MARCH 6	, 201	3 0	
Witness' signature:		<u> </u>	
			The state of the s

Legal Name of Inventor

PATENT REEL: 039155 FRAME: 0157

Docket No, 16497.214.1/10415USP1 Page 2

COMBINED DECLARATION AND ASSIGNMENT

DECLARATION

TITLE OF APPLICATION: SUTURING DEVICES AND METHODS

As a below named inventor, I hereby declare that:

This declaration and assignment is directed to:

 \square The attached application;

- United States Application No. _____ filed on _____; or
- The application which was filed on _____as PCT International Application No. _____and was amended on _____(*if applicable*)[nationalization in the United States Patent and Trademark Office requested on _____, currently assigned United States Patent Application No. _____].

I hereby authorize the patent attorneys and/or patent agents of Workman Nydegger to insert the above Application No(s). and filing date(s) when known.

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s). I believe that I am the original inventor or an original joint inventor of one or more claimed inventions in the above-identified application.

I hereby state that I am aware of the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

I, as Assignor, am the original inventor or an original joint inventor of the subject matter disclosed and/or claims in the above-identified application and am desirous to sell, assign and transfer the entire right, title and interest in and to one or more inventions disclosed in the aboveidentified application, the above-identified application and any and all letters patent which may be granted for the one or more inventions in the United States of America and its territorial possessions

> Docket No. 16497.214.1/10415USP1 Page 1

PATENT REEL: 039155 FRAME: 0158 and in any and all foreign countries.

Abbott Cardiovascular Systems, Inc. of the state of California and having a principal place of business at 3200 Lakeside Drive, Santa Clara, California, 95054, is desirous of acquiring the entire right, title and interest in and to the one or more inventions, the above-identified application, and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

In exchange for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer and agree to assign unto the Assignee, the entire right, title and interest in and to the one or more inventions, the above-identified application, any earlier filed provisional applications to which the above-identified application claims priority including any inventions disclosed therein and the right to claim priority thereto, and any and all letters patent which may be granted for the one or more inventions in the United States of America and its territorial possessions and in any and all foreign countries, and any and all divisions, reissues, continuations, continuation-in-parts, and substitutes thereof, including the right to file foreign applications directly in the name of Assignee and to claim priority rights deriving from the aboveidentified application to which the foreign applications are entitled by virtue of international convention, treaty or otherwise, the one or more inventions, the above-identified application and all letters patent on the one or more inventions to be held and enjoyed by Assignee and its successors and assigns for their use and benefit as fully and entirely as the same would have been held and enjoyed by myself had this assignment, transfer and sale not been made.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue all letters patent on the inventions to Assignee.

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

I agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on the one or more inventions, for litigation regarding the letters patent, or for the purpose of protecting title to the one or more inventions or letters patent therefor.

Legal Name of Inventor

Wouter	E.	Roorda	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Inventor's signature:	///		
Date: $3/7$ Witness' signature: Date: $3/7$	_,201_3 / Kon_k- Kon_k-		

Docket No. 16497.214.1/10415USP1 Page 2

PATENT REEL: 039155 FRAME: 0159

RECORDED: 06/22/2016