505782166 11/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5828993

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY DATA previously recorded on Reel 040162 Frame 0372. Assignor(s) hereby confirms the THE CORRECT ENTITY OF THE IDENTIFIED ASSIGNEE WAS "INC" NOT "LLC".

CONVEYING PARTY DATA

Name	Execution Date
THOMAS BODEN JR.	10/12/2016
ALAN J. DEXTRADEUR	10/19/2016

RECEIVING PARTY DATA

Name:	DEPUY SYNTHES PRODUCTS, INC.
Street Address:	325 PARAMOUNT DRIVE
City:	RAYNHAM
State/Country:	MASSACHUSETTS
Postal Code:	02767

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15337827

CORRESPONDENCE DATA

Fax Number: (856)414-1058

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.

Phone: 8564141055

Email: cherylcohen@aol.com CHERYL F. COHEN **Correspondent Name:** Address Line 1: 2409 CHURCH ROAD

Address Line 4: CHERRY HILL, NEW JERSEY 08002

ATTORNEY DOCKET NUMBER:	DSP5186USNP
NAME OF SUBMITTER:	CHERYL F. COHEN
SIGNATURE:	/Cheryl F. Cohen/
DATE SIGNED:	11/19/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT REEL: 051073 FRAME: 0483

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4119452

SUBMISSION TYPE:		MEA	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT **			
CONVEYING PART	Y DATA					•••••••••••••••
	· · · · · · · · · · · · · · · · · · ·	Nam	e		Execution Date	
TUOMAO DODESI, ID				10/12/2016		
ALAN J. DEXTRADE	:UR				10/19/2016	
RECEIVING PARTY	DATA		-	iVC.		BAA
Name:	DEPUY	SYNTHE	S PRODUCTS, J.ŁC			01C 11-19-1
Street Address:	**********	RAMOUNT				88 8 6 8
City:	RAYNH	IAM				
State/Country:	MASSA	CHUSETT	S			
Postal Code:	02767					4
CORRESPONDENC Fax Number: Correspondence wi using a fax number Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	(III be sent to , If provided, E C ne: (<i>; n that is</i> 356-414-10 cherylcohe 2OHEN & 2409 CHUI	il address first; if that is unsuccessful, it will be 055 n@aol.com HILDEBRAND, PLLC RCH ROAD	sent via US M.	, it will be sent all.	
ATTORNEY DOCKET			RRY HILL, NEW JERSEY 08002 DSP5186USNP			
NAME OF SUBMITTER:			CHERYL F. COHEN			
SIGNATURE:			/Cheryl F. Cohen/			
DATE SIGNED:			10/28/2016			
			This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 2 source≕ExecutedCom			AssignmentBODEN#pag		1,07 0111 1.00);	

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COMBINATION DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT
Title of Invention IMPROVED IMPLANTABLE VALVE ASSEMBLY WITH EXTENDED LIFESPAN
As the below named inventor, I hereby declare that:
This declaration is directed to: X The above-identified application, or
Cl United States application, filed onor
☐ PCT application number filed on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the 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.
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above,
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including further 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
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto: DePuy Synthes Products, LLC, whose address is 325 Paramount Drive, Raynham MA 02767, a Delaware corporation (hereinafter named "Assigned"), its successors, legal representatives and assigns, the entire right, title and interest in and to said invention for Letters Patent of the United States, filed as said application and to the entire right, title and interest in any and all inventions, whether joint dresole, disclosed in said application for Letters Patent, and in any and all divisional or continuation or renewal applications that may be filed for United States Letters Patent for any and all of said inventions, and in and to any and all patents that may be granted on the foregoing applications and any reissue or extension thereof.
I hereby authorize and request the Commissioner of Patents to issue any and all of said Letters Patent to said Assignee.
For said consideration. I hereby agree upon the request of said Assignee, its successors, legal representatives or assigns, to execute any and all United States divisional, continuation and renewal applications for said invention, and any and all necessary oaths, supplemental oaths or declarations or supplemental declarations or affidavits relating thereto, and any application for the reissue or extension of any United States Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient.
For the said consideration, I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the Preliminary Statement and giving and producing evidence in support thereof. I hereby agree to perform upon such request, any and all affirmative acts necessary to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives or assigns as fully and entirely as the same would have been held and enjoyed if this assignment and sale had not been made.
I hereby bind myself, my heirs, legal representatives, administrators, and assign properly to execute without further consideration, any and all applications, petitions, oaths, assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment and transfer hereby made, or intended or agreed to be made.
And for said considerations, I hereby assign to said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in said invention or improvement for any and all foreign countries and agree upon the request of said Assignee, its successors, legal representatives or assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said Assignee, its successors, legal representatives or assigns.
LEGAL NAME OF INVENTOR
Inventor: Thomas Boden Jr Date: Oct 12, 2016
Signature:
Note: An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany

COMBINATION	DECLARATION (37 CFR 1.63) FOR U APPLICATION DATA SHEET (37 CF		
Title of Invention	IMPROVED IMPLANTABLE VALVE ASS		
As the below named in	ventor, I hereby declare that:	* * * * * * * * * * * * * * * * * * *	
This declaration is dire	octed to: X The above-identified application,	or .	
	☐ United States application	, filed on	Ol.
		, filed on	
The above-identifie	d application was made or authorized to be ma	de by me.	
	he original inventor or an original joint inventor		
	ge that any willful false statement made in this ore than five (5) years, or both.	declaration is punishable under 18 U.S.C. 1	001 by fine or
	have reviewed and understand the contents on dment specifically referred to above,	f the above-identified application, including t	the claims, as
continuation-in-part ap	duty to disclose information which is material to plications, material information which became T international filing date of the continuation-in-	available between the filing date of the pri	
inventor has sold and whose address is 325 successors, legal repr the United States, file sole, disclosed in said may be filed for United	able consideration, the receipt and sufficiency assigned, and by these presents hereby self Paramount Drive, Raynham MA 02767, a Lesentatives and assigns, the entire right, titled as said application and to the entire right, title application for Letters Patent, and in any and distates Letters Patent for any and all of saiding applications and any reissue or extension the	is and assigns, unto: DePuy Synthes Proceedings of the Processing Personal Personal Process of the Process of t	oducts, L.C. Assignee"), its ters Patent of hether joint or plications that
I hereby authorize a	and request the Commissioner of Patents to iss	ue any and all of said Letters Patent to said	Assignee.
to execute any and a necessary oaths, sup application for the reis	ion, I hereby agree upon the request of said A ill United States divisional, continuation and re plemental oaths or declarations or supplemental sue or extension of any United States Letters F ars, legal representatives or assigns may deem	enewal applications for said invention, and ntal declarations or affidavits relating ther latent that may be granted upon said applica-	d any and all reto, and any
assigns, in the event of for the reissue thereconcessors, legal repriand producing evider necessary to obtain s	deration, I further agree upon the request of said application or any division thereof, or Loof, becoming involved in interference, to cool esentatives or assigns in the matters of preparce in support thereof, I hereby agree to peal Letters Patent and vest all rights therein lighs as fully and entirely as the same would ha	etters Patent issued thereon or any reissue perate to the best of my ability with said ring and executing the Preliminary Stateme rform upon such request, any and all aform the conveyed in said Assignee, its successions.	or application Assignee, its ent and giving firmative acts cessors, legal
consideration, any and	elf, my heirs, legal representatives, adminis I all applications, petitions, oaths, assignments Il force and effect the sale, assignment and trai	or other papers and instruments which may	be necessary
right, title and interest Assignee, its success executed in connection to execute any and a successors, legal repre-	erations, I hereby assign to said Assignee, its in said invention or improvement for any and ors, legal representatives or assigns to exect with any and all applications for foreign Letter in documents necessary to invest title in said assentatives or assigns.	all foreign countries and agree upon the re ite any and all documents that shall be re rs Patent therefor, including the prosecution	equest of said equired to be n thereof, and
LEGAL NAME OF IN		3.11 10 - 3.12	
Inventor: Alan J. Dextr Signature: Qlan	adeur Date: C Bertralein	Sctober 19, 2016	
Note: An application da	ta sheet (PTO/AIA/14 or equivalent), including nar	ning the entire inventive entity, must accompa	ny

RECORDED: 11/19/2019