### 506466093 01/25/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6512869

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHULHO PAK	05/28/2020
SUBASH K. MANNANAL	05/28/2020
THOMAS LORING	05/28/2020

### **RECEIVING PARTY DATA**

Name:	STRYKER EUROPEAN OPERATIONS LIMITED
Street Address:	ANNGROVE, IDA BUSINESS & TECHNOLOGY PARK
Internal Address:	COUNTY CORK
City:	CARRIGTWOHILL
State/Country:	IRELAND
Postal Code:	T45HX08

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16794387

### **CORRESPONDENCE DATA**

**Fax Number:** (908)654-7866

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:** (908) 654-5000

**Email:** assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 20 COMMERCE DR.

Address Line 4: CRANFORD, NEW JERSEY 07016

ATTORNEY DOCKET NUMBER:	TRAUMA 3.0F-926	
NAME OF SUBMITTER:	KATHLEEN REYNOLDS	
SIGNATURE:	/Kathleen Reynolds/	
DATE SIGNED:	01/25/2021	

### **Total Attachments: 3**

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PATENT 506466093 REEL: 055016 FRAME: 0720

# COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No.	TRAUMA 3.0F-926	
Title of the Invention ("Invention")		
Legal Name of Inventor/Assignor	Total Ankle Prosthesis	
("Inventor/Assignor")	Chulho Pak	
Assignee ("Assignee")		IONS LIMITED, a private company limited by shares, incorporated under number 631711 and with its registered office at Anngrove, IDA Business County Cork, T45HX08 IRELAND
As named inventor, I hereby declare the	<u>DECLAP</u>	RATION
(i) this declaration is directed to		
The attached App	lication	
<u>OR</u>		
		d App@cation Number16/794,387
filed on Februar	y 19, 2020 ion is/was made or authorized to be	made by me
(iii) I believe I am the original inv (iv) I hereby acknowledge that imprisonment of not more than five (5) WHEREAS, Assignor wishes to as	rentor or an original joint inventor of any willful false statement made years, or both.	a claimed invention in the above-identified Application; and a la this declaration is punishable under 18 U.S.C. 1001 by fine or the shes to acquire, the entire right, title, and interest to the Invention and the
Application;		
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in whi		
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 62/809.141, filed February 22, 2019 ("Provisional"), and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of the Provisional pursuant to any law or treaty in the countries of the world.		
		ssigns to insert on this Assignment the filing date and application number at the Assignee may take steps for recordal of this Assignment in the sole
the contents of the application, includir as defined in 1.56."		an oath or declaration unless the person has reviewed and understands disclose to the Office all information known to be material to patentability
ASSIGNOR		ASSIGNEE
By: 1 Chilho Pak 1		By:
· · · · · · · · · · · · · · · · · · ·		Printed: Robert J. Leonard III
Title: Staff Engineer		Title: IP Agent
***************************************		001143/0000
Date: 05/28/2020 STATE OF )		Date: 28MAY2U2U STATE OF )
. 1 85.		: ss.
COUNTY OF The person whose name is subscribed personally known to me or has proved I satisfactory evidence.	COUNTY OF )  The person whose name is subscribed to the accompanying instru- instruction in the basis of on the basis of the accompanying instruction in the basis of the personally known to me or has proved his/her identity to me on the basis of the personally known to me or has proved his/her identity to me on the basis of the personally known to me or has proved his/her identity to me on the basis of the personal in the pers	
me and acknowledged that he/she has re knows the contents thereof, and that he/sl and deed for the purposes set forth there entity, he/she also acknowledged that instrument in his/her authorized capacity, instrument, the entity executed the same.	ne executed the same as their free act in. If he/she is acting on behalf of an he/she executed the accompanying	me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.
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My Commission Expires:		My Commission Expires:

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## COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No.	TRAUMA 3.0F-926	
Title of the Invention ("Invention")		
Legal Name of Inventor/Assignor	Total Ankle Prosthesis	
("inventor/Assignor")	Subash K. Mannanal	
Assignee ("Assignee")		IONS LIMITED, a private company limited by shares, incorporated under number 631711 and with its registered office at Anngrove, IDA Business County Cork, T45HX08 IRELAND
As named inventor, I hereby declare th	DECLA	RATION
(i) this declaration is directed to		
The attached Appl	lication	
OR		
		Al Application Number 16/794,387
	y 19, 2020 ion is/was made or authorized to be	made by me:
(iii) I believe I am the original inv (iv) I hereby acknowledge that imprisonment of not more than five (5)	rentor or an original joint inventor of any willful false statement made years, or both.	a claimed invention in the above-identified Application; and in this declaration is punishable under 18 U.S.C. 1001 by fine or shes to acquire, the entire right, title, and interest to the invention and the
• •	valuable consideration, the receipt	and adequacy of which are hereby acknowledged. Assignor hereby sells
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby selfs, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duty authorized by the respective foreign patent laws to issue patents and Trademarks and the Patent Office officials in foreign countries as are duty authorized by the respective foreign patent laws to issue patents and Trademarks and the Patent Office officials in foreign countries as a duty authorized by the respective foreign patent laws to issue patents and Trademarks and the Patent Office officials in foreign countries are duty authorized by the respective foreign patent laws to issue patents and Trademarks and the Patent Office officials in foreign countries are duty authorized by the respective foreign patents on said improvements of the Invention and countries are duty authorized by the respec		
	in the invention disclosed thereto in	nd interest in United States Provisional Application No. 62/809.141, filed a all countries of the world including the right to claim priority or benefit of
		ssigns to insert on this Assignment the filing date and application number at the Assignee may take steps for recordal of this Assignment in the sole
		an cath or declaration unless the person has reviewed and understands disclose to the Office all information known to be material to patentability
ASSIGNOR /	11 00 1	ASSIGNEE
and which	KMaml	ASSIGNEE
ву:	nonal	By:
0. 65	nana:	Printed: Robert J. Leonard III Title: IP Agent
Date: 5/28/2020 STATE OF )		Date: 28MAY2020 STATE OF
: ss.		: ss.
COUNTY OF  The person whose name is subscribed personally known to me or has proved has atlisfactory evidence.		COUNTY OF  The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory  evidence.  On  he/she appeared before
me and acknowledged that he/she has re knows the contents thereof, and that he/sh and deed for the purposes set forth there entity, he/she also acknowledged that instrument in his/her authorized capacity, instrument, the entity executed the same.	ead the accompanying instrument and ne executed the same as their free act in. If he/she is acting on behalf of an he/she executed the accompanying	me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.
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My Commission Expires:	·	My Commission Expires:

# COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No.	TRAUMA 3.0F-928		
Title of the Invention ("Invention")	Total Ankle Prosthesis		
Legal Name of Inventor/Assignor ("Inventor/Assignor")			
( manuscripsidius )	Thomas Loring		
Assignee ("Assignee")	STRYKER EUROPEAN OPERAT the laws of Ireland under company & Technology Park, Carrigtwohill, I	10NS LIMITED, a private company amited by shares, incorporated under number 631711 and with its registered office at Anngrove, IDA Business County Oork, T45HX08 IRELAND	
	DECLA	RATION	
As named inventor, I hereby declare to (i) this declaration is directed to			
The attached App			
OR			
x United States App filed on Februa		al Application Number 16/794,387	
(ii) the above identified Applica	tion is/was made or authorized to be	made by me;	
(iv) I hereby acknowledge that	t any willful laise statement made	a claimed invention in the above-identified Application; and e in this declaration is punishable under 18 U.S.C. 1001 by fine or	
imprisonment of not more than five (5)	years, or both.		
Application;		shes to acquire, the entire right, title, and interest to the Invention and the	
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the emire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without			
imitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement			
to claim such priority or benefit, and that authorized by the respective foreign p	with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or		
resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all tacts known to the understigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and			
any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid Assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by Assignee.			
February 22, 2019 ("Provisional"), and the Provisional pursuant to any law or	d in the invention disclosed thereto in treaty in the countries of the world.	nd interest in United States Provisional Application No. <u>62/609.141</u> filed all countries of the world including the right to claim priority or benefit of	
		ssigns to insert on this Assignment the filing date and application number at the Assignee may take steps for recordal of this Assignment in the sole	
WARNING: According to 37 C.F.R. the contents of the application, including as defined in 1,56.7	.63 (c), "[a] person may not execute ng claims and is aware of the duty to	an oath or declaration unless the person has reviewed and understands disclose to the Office all information known to be material to patentability	
ASSIGNOR	_	ASSIGNEE	
By: Thum	r	Exectrorically signed by noburn learned Rasson: Lapprove this decaiward Date: Nov. 12, 2020 11.08 EST	
Printed: Thomas Loring	erekke kilologia de makada mende dekilomika mereka da ara menereka ere eremen delembilik (del 18.	Printed: Robert J. Leonard III	
Title: Senior Director Marketing	g - Foot and Ankle	Title: IP Agent	
Date: May 28, 2020		Date:12NOV2020	
STATE OF )		STATE OF )	
COUNTY OF )		COUNTY OF )	
The person whose name is subscribed personally known to me or has proved satisfactory evidence;	his/her identity to me on the basis of	The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On	
me and acknowledged that he/she has re	he/she appeared before	me and acknowledged that he/she has read the accompanying instrument and	
knows the contents thereof, and that he/s	he executed the same as their free act	knows the contents thereof, and that he/she executed the same as their free act	
and deed for the purposes set forth there entity, he/she also acknowledged that	he/she executed the accompanying	and deed for the purposes sel forth therein. It he/she is acting on behalf of an unity, he/she also acknowledged that he/she executed the accompanying	
instrument in his/her authorized capacity, instrument, the emity executed the same.	, and that by his/her signature on the	instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.	
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My Commission Expires:		My Commission Expires:	

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