505019160 07/25/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYAN	CE: ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ТА			
	Name	Execution Date		
MARK F. KURD		12/06/2016		
DAVID GREG ANDERSC	N	12/07/2016		
JAIME E. SARABIA		12/09/2016		
ERIC BUEHLMANN		01/17/2017		
JAY P. TAPPER		12/05/2016		
JENS JOHNSON		12/05/2016		
ANN R. LEE		12/06/2016		
CATHERINE MARGARE	T UNRUH	12/07/2016		
	A			
Name:	DURA TAP LLC			
Street Address:	208 UPLAND WAY			
City:	WAYNE			
State/Country:	PENNSYLVANIA			
	19087			

Property Type	Number		
Application Number:	16072561		

CORRESPONDENCE DATA

Fax Number:

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.

Email:	palmer@rankinhill.com	
Correspondent Name:	RANKIN, HILL & CLARK LLP	
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ATTORNEY DOCKET NUMBER:	DTP-41120.03.01
NAME OF SUBMITTER:	JONATHAN A. WITHROW
SIGNATURE:	/Jonathan A. Withrow/
DATE SIGNED:	07/25/2018

Total Attachments: 9

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

executed concurrently herewith

executed on

filed November 22, 2016, and assigned Application Serial No. PCT/US16/63286

and is entitled

DEVICES AND METHODS FOR SUTURE PLACEMENT

hereby sell, assign and transfer to

Dura Tap LLC 208 Upland Way Wayne, PA 19087

its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest

PATENT REEL: 046454 FRAME: 0242

herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention In all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of Bryn	Advis State of PA
on this 6 day of December	, 20 <u>16</u> .
	W
	Mark F. Kurd
State of)
County of) ss:)

On this _____ day of _____, 20___ before me personally came Mark F. Kurd, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of	State of
Signed at the City of on this day of	, 2016.
	Dia
	David Greg Anderson
	and and and and an
State of)
County of) 55:
County of)
On this day of	, to me known to be the individual described in
and who executed the foregoing instrum	, to me known to be the individual described in tent, and acknowledged execution of the same.
	ant, and contentaged excession of the sense.
	Notary Public
Seal	
Signed at the City of on this day of	State of
on this day of	, 20
	Jaime E. Sarabla
State of	N N
	/) ss:
County of)
On this day of	, 20before me
personally came Jaime E. Sarabia, to r	me known to be the individual described in and
who executed the foregoing instrument,	and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of on this day of	State of, 20
	David Greg Anderson
State of)
County of) ss:)
On this day of personally came David Greg Anderso and who executed the foregoing instru	on, to me known to be the individual described in Iment, and acknowledged execution of the same.
,	Notary Public
Seal	
Signed at the City of <u>MARKSTON</u> on this <u>9th</u> day of <u>Detcember</u>	State of <u>GERHA</u> , 20 <u>16</u> .
State of)
County of) ss:)
On this day of personally came Jaime E. Sarabia, to who executed the foregoing instrument	me known to be the individual described in and and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of Duxbury	State of MA
on this 17 day of Tanuary	, 20 <u>17</u> .
	Éric Buehlmann
State of))
County of) ss:

On this _____day of _____, 20 before me personally came Eric Buehlmann, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the on this	City of day of	State of	·····
	· · · · · · · · · · · · · · · · · · ·		
State of		Jay P. Tapper	
County of) \$8!	

On this _____ day of ______, 20____ before me personally came Jay P. Tapper, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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Seal

Signed at the City of on this day ofec .	State of
State of	Eric Buehlmann)) ss:)
On this day of personally came Eric Buehlmann, to n who executed the foregoing instrument,	, 20 before me ne known to be the individual described in and and acknowledged execution of the same.
	Notary Public
Seal	
Signed at the City of on this day of	State of, 20 0 , 20 0
State of)) \$5:)
On this day of personally came Jay P. Tapper, to me I executed the foregoing instrument, and	, 20 before me known to be the individual described in and who acknowledged execution of the same.

Notary Public

Seal

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÷.

Signed at the City of on this day ofC.	State of 20 / 6.
and a second	An An
	Jens/Johnson
State of)
County of) \$8:)

On this _____day of _____, 20____before me personally came Jens Johnson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the	City	of	State	e of	
on this	day	of	, 20		

On this _____ day of _____, 20___ before me personally came Ann R. Lee, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of on this day of	State of, 20
	Jens Johnson
State of)
County of) SS:)

On this _____ day of ______, 20 before me personally came Jens Johnson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of <u>Philadelph</u> on this <u>Ø</u> & day of <u>Pecember</u>	ia	State of _ , 20 <u>/ (</u> .	<u>Pennsylvania</u>
	Ann R. Lee		
State of <u>Pennsylvania</u> County of <u>Philacle/phila</u>)) ss:)		

On this _____ day of ______, 20____ before me personally came Ann R. Lee, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of <u>Reading</u> on this <u>May of</u> <u>Decemb</u>	State of Pennsylvania
on this <u>M</u> day of <u>December</u>	<u>ver</u> , 20 <u>16</u> .
	Catherine Margaret Unrun
State of Pennsylvania)
County of Berks) ss;)

On this $\underline{7th}$ day of $\underline{December}$, 2016 before me personally came Catherine Margaret Unruh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Denise R. Benfield, Notary Public Exeter Twp, Berks County My commission expires April 05, 2020

<u>Aenise R. Benfield</u> Notary Public

Seal