504799869 03/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4846601

UBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	ΟΑΤΑ				
			Name	Execution Date	
BERNA RICHTER				12/19/2016	
CHRISTOF HURSCHLER				12/19/2016	
SVEN OSTERMEIER				12/19/2016	
RECEIVING PARTY D	ΑΤΑ				
lame: AESCULAP			AG		
Street Address:	AM AE	AM AESCULAP-PLATZ			
City:	TUTTLI	TUTTLINGEN			
State/Country:	GERMA	GERMANY			
Postal Code:	78532	78532			
PROPERTY NUMBERS Total: 1 Property Type			Number		
		15604898			
CORRESPONDENCE		(4 4 4)	074 0550		
		(414);	271-3552		
Fax Number:		• •	a-mail addroce firet: if that is uneuco	passful it will be sent	
Correspondence will	be sent to	the e	e-mail address first; if that is unsuce nat is unsuccessful, it will be sent vi		
Correspondence will	be sent to ^r provided	the elimination the formula th			
<i>Correspondence will using a fax number, in</i> Phone: Email:	be sent to provided	o <i>the e</i> <i>I; if th</i> 414-2 pat-de	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com	a US Mail.	
Correspondence will using a fax number, in Phone: Email: Correspondent Name	be sent to provided	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com IARD T. ROCHE C/O QUARLES & BR	a US Mail.	
Correspondence will a using a fax number, in Phone: Email: Correspondent Name Address Line 1:	be sent to provided	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH 411 E	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE	a US Mail.	
Correspondence will using a fax number, in Phone: Email: Correspondent Name	be sent to provided	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH 411 E	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com IARD T. ROCHE C/O QUARLES & BR	a US Mail.	
Correspondence will a using a fax number, in Phone: Email: Correspondent Name Address Line 1:	be sent to provided	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH 411 E	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE	a US Mail.	
Correspondence will using a fax number, it Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to provided : : IUMBER:	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH 411 E	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202	a US Mail.	
Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to provided : : IUMBER:	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH 411 E	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202	a US Mail.	
Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	be sent to provided : : IUMBER:	<i>the e</i> <i>i; if th</i> 414-2 pat-de RICH 411 E	nat is unsuccessful, it will be sent vi 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202 154532.00003 RICHARD T. ROCHE	a US Mail.	
Correspondence will using a fax number, it Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 8	be sent to provided	b the e l; if th 414-2 pat-de RICH 411 E MILW	at is unsuccessful, it will be sent vie 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202 154532.00003 RICHARD T. ROCHE /Richard T. Roche/ 03/01/2018	a US Mail.	
Correspondence will i using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 8 source=Isarpatentassign	be sent to f provided i UMBER: : : :	p the e l; if th 414-2 pat-de RICH 411 E MILW	hat is unsuccessful, it will be sent vie 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202 154532.00003 RICHARD T. ROCHE /Richard T. Roche/ 03/01/2018	a US Mail.	
Correspondence will i using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 8 source=lsarpatentassign source=lsarpatentassign	be sent to provided i umber: i ment#pag ment#pag	p the e l; if th 414-2 pat-de RICH 411 E MILW	at is unsuccessful, it will be sent vie 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202 154532.00003 RICHARD T. ROCHE /Richard T. Roche/ 03/01/2018	a US Mail.	
Correspondence will i using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 8 source=Isarpatentassign	be sent to provided i umber: i umber: ment#pag ment#pag ment#pag	e the e l; if the 414-2 pat-de RICH 411 E MILW	aat is unsuccessful, it will be sent vie 277-5805 ept@quarles.com ARD T. ROCHE C/O QUARLES & BR EAST WISCONSIN AVENUE /AUKEE, WISCONSIN 53202 154532.00003 RICHARD T. ROCHE /Richard T. Roche/ 03/01/2018	a US Mail.	

source=lsarpatentassignment#page5.tif
source=lsarpatentassignment#page6.tif
source=lsarpatentassignment#page7.tif
source=lsarpatentassignment#page8.tif

CONFIRMATORY ASSIGNMENT

THIS ASSIGNMENT is made and effective from the 18th day of May, 2016

BETWEEN

Dr. Berna Richter, of Ahornweg 25, 78570 Mühlheim an der Donau, Germany,
Dr. Christof Hurschler, of Rosskampstrasse 51, 30519 Hannover, Germany, and
Dr. Sven Ostermeier, of Maxim-Gorkij-Str. 5, 79111 Freiburg, Germany, (herein together referred to as "the Assignors");

AND

Aesculap AG, of am Aesculap-Platz, 78532 Tuttlingen, Germany (herein referred to as "the Assignee").

WHEREAS

The Assignors, as proprietors of US Patent Application Serial No. 13/383,188 entitled "Knee Joint Prosthesis and Related Method" (herein also "the patent application"), have agreed to assign the patent application and the invention the subject of the patent application to the Assignee on the terms set out in this Assignment.

ASSIGNMENT

1.1 In consideration of the sum of EUR 20.00, the receipt and sufficiency of which the Assignors acknowledge, the Assignors now assign, set over and transfer to the Assignee the full and exclusive rights and title and benefits in and to the patent application and the invention the subject of the patent application, including the right to take any and all such actions as may be necessary for recovery of damages or other remedies in respect of any infringement of the patent application or any patent granted thereon, whether such infringement is committed before or after the date of this Assignment.

- 1.2 The Assignors agree that they will, at the request of the Assignee, execute or procure the execution of any documents and do or procure the doing of any acts or things as the Assignee may reasonably require to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned to it.
- 1.3 The Assignors warrant to the Assignee that, in relation to the assignment in clause 1.1, the Assignors have the right to dispose of the patent application and the patent application is free from all charges, encumbrances, and rights of any third party.
- 1.4 This Assignment is governed by, and is to be construed in accordance with, German law. The German Courts have exclusive jurisdiction to deal with any dispute which arises or may arise out of or in connection with this Assignment.
- 1.5 If a provision of this Assignment is or becomes invalid or unenforceable, that provision shall not affect the validity or enforceability of any other provision of this Assignment.

Signed, sealed and delivered by Dr. Berna Richter

Dr. Roma Richto

Signed, sealed and delivered by Dr. Christof Hurschler

Signed, sealed and delivered by Dr. Sven Ostermeier

Signed for and on behalf of Aesculap AG

> Name: i. V. Dr. Hanns-Peter Tümmler Title: Senior Patent Counsel

2

i. A. Thorsten Ketterer Patent Counsel

CONFIRMATORY ASSIGNMENT

THIS ASSIGNMENT is made and effective from the 18th day of May, 2016

BETWEEN

Dr. Berna Richter, of Ahornweg 25, 78570 Mühlheim an der Donau, Germany, Dr. Christof Hurschler, of Rosskampstrasse 51, 30519 Hannover, Germany, and Dr. Sven Ostermeier, of Maxim-Gorkij-Str. 5, 79111 Freiburg, Germany, (herein together referred to as "the Assignors");

AND

Aesculap AG, of am Aesculap-Platz, 78532 Tuttlingen, Germany (herein referred to as "the Assignee").

WHEREAS

The Assignors, as proprietors of US Patent Application Serial No. 13/383,188 entitled "Knee Joint Prosthesis and Related Method" (herein also "the patent application"), have agreed to assign the patent application and the invention the subject of the patent application to the Assignee on the terms set out in this Assignment.

ASSIGNMENT

1.1 In consideration of the sum of EUR 20.00, the receipt and sufficiency of which the Assignors acknowledge, the Assignors now assign, set over and transfer to the Assignee the full and exclusive rights and title and benefits in and to the patent application and the invention the subject of the patent application, including the right to take any and all such actions as may be necessary for recovery of damages or other remedies in respect of any infringement of the patent application or any patent granted thereon, whether such infringement is committed before or after the date of this Assignment.

1

- 1.2 The Assignors agree that they will, at the request of the Assignee, execute or procure the execution of any documents and do or procure the doing of any acts or things as the Assignee may reasonably require to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned to it.
- 1.3 The Assignors warrant to the Assignee that, in relation to the assignment in clause 1.1, the Assignors have the right to dispose of the patent application and the patent application is free from all charges, encumbrances, and rights of any third party.
- 1.4 This Assignment is governed by, and is to be construed in accordance with, German law. The German Courts have exclusive jurisdiction to deal with any dispute which arises or may arise out of or in connection with this Assignment.
- 1.5 If a provision of this Assignment is or becomes invalid or unenforceable, that provision shall not affect the validity or enforceability of any other provision of this Assignment.

Signed, sealed and delivered by Dr. Berna Richter

Signed, sealed and delivered by Dr. Christof Hurschler

Signed, sealed and delivered by Dr. Sven Ostermeier

Signed for and on behalf of Aesculap AG

19,12,16

Name: i. V. Dr. Hanns-Peter Tümmler Title: Senior Patent Counsel

2

i. A. Thorsten Ketterer Patent Counsel

P02600405 (2)-25

CONFIRMATORY ASSIGNMENT

THIS ASSIGNMENT is made and effective from the 18th day of May, 2016

BETWEEN

Dr. Berna Richter, of Ahornweg 25, 78570 Mühlheim an der Donau, Germany, Dr. Christof Hurschler, of Rosskampstrasse 51, 30519 Hannover, Germany, and Dr. Sven Ostermeier, of Maxim-Gorkij-Str. 5, 79111 Freiburg, Germany, (herein together referred to as "the Assignors");

AND

Aesculap AG, of am Aesculap-Platz, 78532 Tuttlingen, Germany (herein referred to as "the Assignee").

WHEREAS

The Assignors, as proprietors of US Patent Application Serial No. 13/383,188 entitled "Knee Joint Prosthesis and Related Method" (herein also "the patent application"), have agreed to assign the patent application and the invention the subject of the patent application to the Assignee on the terms set out in this Assignment.

ASSIGNMENT

1.1 In consideration of the sum of EUR 20.00, the receipt and sufficiency of which the Assignors acknowledge, the Assignors now assign, set over and transfer to the Assignee the full and exclusive rights and title and benefits in and to the patent application and the invention the subject of the patent application, including the right to take any and all such actions as may be necessary for recovery of damages or other remedies in respect of any infringement of the patent application or any patent granted thereon, whether such infringement is committed before or after the date of this Assignment.

1

- 1.2 The Assignors agree that they will, at the request of the Assignee, execute or procure the execution of any documents and do or procure the doing of any acts or things as the Assignee may reasonably require to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned to it.
- 1.3 The Assignors warrant to the Assignee that, in relation to the assignment in clause 1.1, the Assignors have the right to dispose of the patent application and the patent application is free from all charges, encumbrances, and rights of any third party.
- 1.4 This Assignment is governed by, and is to be construed in accordance with, German law. The German Courts have exclusive jurisdiction to deal with any dispute which arises or may arise out of or in connection with this Assignment.
- 1.5 If a provision of this Assignment is or becomes invalid or unenforceable, that provision shall not affect the validity or enforceability of any other provision of this Assignment.

Signed, sealed and delivered by Dr. Berna Richter

Signed, sealed and delivered by **Dr. Christof Hurschler**

Signed, sealed and delivered by Dr. Sven Ostermeler

Signed for and on behalf of Aesculap AG

Name: Title:

2

CONFIRMATORY ASSIGNMENT

THIS ASSIGNMENT is made and effective from the 18th day of May, 2016

BETWEEN

Dr. Berna Richter, of Ahornweg 25, 78570 Mühlheim an der Donau, Germany,
Dr. Christof Hurschler, of Rosskampstrasse 51, 30519 Hannover, Germany, and
Dr. Sven Ostermeier, of Maxim-Gorkij-Str. 5, 79111 Freiburg, Germany, (herein together referred to as "the Assignors");

AND

Aesculap AG, of am Aesculap-Platz, 78532 Tuttlingen, Germany (herein referred to as "the Assignee").

WHEREAS

The Assignors, as proprietors of US Patent Application Serial No. 13/383,188 entitled "Knee Joint Prosthesis and Related Method" (herein also "the patent application"), have agreed to assign the patent application and the invention the subject of the patent application to the Assignee on the terms set out in this Assignment.

ASSIGNMENT

1.1 In consideration of the sum of EUR 20.00, the receipt and sufficiency of which the Assignors acknowledge, the Assignors now assign, set over and transfer to the Assignee the full and exclusive rights and title and benefits in and to the patent application and the invention the subject of the patent application, including the right to take any and all such actions as may be necessary for recovery of damages or other remedies in respect of any infringement of the patent application or any patent granted thereon, whether such infringement is committed before or after the date of this Assignment.

1

- 1.2 The Assignors agree that they will, at the request of the Assignee, execute or procure the execution of any documents and do or procure the doing of any acts or things as the Assignee may reasonably require to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned to it.
- 1.3 The Assignors warrant to the Assignee that, in relation to the assignment in clause 1.1, the Assignors have the right to dispose of the patent application and the patent application is free from all charges, encumbrances, and rights of any third party.
- 1.4 This Assignment is governed by, and is to be construed in accordance with, German law. The German Courts have exclusive jurisdiction to deal with any dispute which arises or may arise out of or in connection with this Assignment.
- 1.5 If a provision of this Assignment is or becomes invalid or unenforceable, that provision shall not affect the validity or enforceability of any other provision of this Assignment.

2

Signed, sealed and delivered by Dr. Berna Richter

Signed, sealed and delivered by **Dr. Christof Hurschler**

Signed, sealed and delivered by **Dr. Sven Ostermeier**

Signed for and on behalf of

Aesculap AG

i. V. Zobias Koller or Patent Counsel

Name: i. V. Dr. Hanns-Peter Tümmler Title: Senior Patent Counsel

> xkxAxAkuvsisurKstlass xxBatentxIaunsakx

PATENT REEL: 045077 FRAME: 0427

RECORDED: 03/01/2018