

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7308696

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	08/12/2019	
CONVEYING PARTY DATA		
	Name	Execution Date
	RAYMOND MICHAEL GREIWE	04/28/2022
RECEIVING PARTY DATA		
Name:	HOWMEDICA OSTEONICS CORP.	
Street Address:	325 CORPORATE DRIVE	
City:	MAHWAH	
State/Country:	NEW JERSEY	
Postal Code:	07430	
PROPERTY NUMBERS Total: 8		
Property Type	Number	
Application Number:	17492803	
Application Number:	62378963	
Application Number:	62419905	
Application Number:	62463448	
Application Number:	62469425	
Application Number:	62531721	
Application Number:	15686099	
Application Number:	16531885	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	TRAUMA 3.12F-946 CON CON	
NAME OF SUBMITTER:	KATHLEEN REYNOLDS	

SIGNATURE:	/Kathleen Reynolds/
DATE SIGNED:	05/02/2022
Total Attachments: 4 source=Executed Confirmatory Patent Assignment from Dr. Greiwe to HOC#page1.tif source=Executed Confirmatory Patent Assignment from Dr. Greiwe to HOC#page2.tif source=Executed Confirmatory Patent Assignment from Dr. Greiwe to HOC#page3.tif source=Executed Confirmatory Patent Assignment from Dr. Greiwe to HOC#page4.tif	

NOTARIAL CERTIFICATION

TO WHOM IT MAY CONCERN:

This will certify that I, KEVIN M. KOCUN, do hereby attest that the attached copy of the Confirmatory Patent Assignment executed on April 28, 2022 between **RAYMOND MICHAEL GREIWE**, M.D., an individual residing at 3287 Hemlock Drive, Edgewood, Kentucky 41017, United States of America and **HOWMEDICA OSTEONICS CORP.**, a company incorporated under the laws of the State of New Jersey, having its registered office at 325 Corporate Drive, Mahwah, New Jersey 07430, United States of America, is a true copy of the original.




KEVIN M. KOCUN, Attorney at Law

UNITED STATES OF AMERICA)

STATE OF NEW JERSEY) SS:

COUNTY OF UNION)

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his identity to me on the basis of satisfactory evidence. On April 29, 2022, he appeared before me and acknowledged that he has read the accompanying instrument and knows the contents thereof, and that he executed the same as their free act and deed for the purposes set forth therein. If he is acting on behalf of an entity, he also acknowledged that he executed the accompanying instrument in his authorized capacity, and that by his signature on the instrument, the entity executed the same.



Notary Public

EKATERINE MARGIANI
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES DEC. 8, 2025

SCHEDULE D

CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment (this "Assignment") is entered into as of the last date noted below, by and between Raymond Michael Greiwe, M.D., an individual residing at 3287 Hemlock Drive, Edgewood, Kentucky 41017, U.S.A. (the "Assignor"), and Howmedica Osteonics Corp., a New Jersey corporation having its registered office at 325 Corporate Drive, Mahwah, NJ 07430 (the "Assignee"). Assignor and Assignee are collectively referred to as the "Parties" and individually referred to as a "Party."

WHEREAS, pursuant to an PRODUCT DEVELOPMENT PROJECT AGREEMENT dated August 12, 2019, subsequently amended, (the "Prior Agreement"), which is governed by the laws of the State of New Jersey, U.S.A., Assignor assigned, transferred and conveyed all of his right, title and interest in and to, *inter alia*, (i) all of the patents and patent applications identified on Schedule A of this Assignment (the "Patents"), (ii) the right, title and interest in and to any and all divisional, continuation, substitute or reissue applications pertaining to the Patents, (iii) patents applied for or granted worldwide pertaining to the Patents and (iv) the right to sue and collect past damages in connection with the Patents, in the United States and throughout the world (i-iv collectively referred to as the "Patent Rights"), and Assignee agreed to accept the Patent Rights.

NOW, THEREFORE, with acknowledgement by the Parties of the receipt and exchange of valuable and sufficient consideration associated with the Prior Agreement, the receipt and sufficiency of which is hereby acknowledged, the Parties hereby agree as follows:

1. To confirm the above-noted assignment pursuant to the Prior Agreement, as of August 12, 2019, *nunc pro tunc*, Assignor hereby assigns, transfers, conveys and sets over to the Assignee, its successors and assigns, and Assignee hereby accepts, all right, title and interest, in the United States and throughout the world, in and to the Patent Rights, to have and to hold the same, unto Assignee for its own use and enjoyment and for the use and enjoyment of its successors and assigns, for the full term or terms of all such rights. The assignment of the Patents shall include the right to file patent applications under the laws of the United States and all other countries that claim the benefit of any of the foregoing applications, in the name of the Assignee or its affiliates, wherever such right may be legally exercised, and all rights under any International Conventions for the Protection of Industrial Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications.

2. Assignor hereby authorizes and requests the United States Commissioner of Patents, and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents, to issue any and all patents within the Patent Rights to the Assignee as the owner thereof.

3. Assignor hereby agrees, without further consideration and without expense to the Assignor, to sign all documents and to perform all other lawful acts which the Assignee may reasonably request to make this Assignment of the Patent Rights fully effective. Assignor hereby also declares that Assignee may take any steps for recordal of this Assignment in the sole name of the Assignee.


4. This Assignment shall be binding upon, inure to the benefit of, and be enforceable by, the Parties and their respective successors and permitted assigns.

5. This Assignment shall be governed by, and construed in accordance with the laws of the State of New Jersey, U.S.A.

6. This Assignment may be executed and delivered (including electronically) in one or more counterparts, and by the Parties in separate counterparts, each of which when executed shall be deemed to be an original, but when taken together shall constitute one and the same agreement.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly signed on its behalf.

RAYMOND MICHAEL GREIWE, M.D.
(ASSIGNOR)


0000100001 Apr 28, 2022 21:51:07

Name: Mike Greiwe

Title: Surgeon

Apr 28, 2022

Date

HOWMEDICA OSTEONICS CORP
(ASSIGNEE)



Name: R.J. Leonard

Title: IP Agent

Apr 14, 2022

Date

SCHEDULE A

Country	Case Status	Appln. No.	Appln. Date	Reg. No.	Reg. Date	Title
United States of America	Expired	62/378,963	8/24/2016	N/A	N/A	Rotator Cuff Sparing Devices And Methods
United States of America	Expired	62/419,905	11/9/2016	N/A	N/A	Humeral Head Implant System
United States of America	Expired	62/463,448	2/24/2017	N/A	N/A	Method Of Performing Posterior Rotator Cuff Sparing Total Shoulder Arthroplasty
United States of America	Expired	62/469,425	3/9/2017	N/A	N/A	Humeral Head Implant System
United States of America	Expired	62/531,721	7/12/2017	N/A	N/A	Method Of Performing Posterior Rotator Cuff Spring Total Shoulder Arthroplasty
European Patent Office	Registered	17844446.9	8/24/2017	3 503 850	4/13/2022	Humeral Head Implant System
European Patent Office	Pending	22158810.6	2/25/2022	N/A	N/A	Humeral Head Implant System
Patent Cooperation Treaty	National Phase Completed		8/24/2017	N/A	N/A	Humeral Head Implant System
United States of America	Registered	15/686,099	8/24/2017	10,368,999	8/6/2019	Humeral Head Implant System
United States of America	Registered	16/531,885	8/5/2019	11,160,660	11/2/2021	Humeral Head Implant System
United States of America	Pending	17/492,803	10/4/2021	N/A	N/A	Humeral Head Implant System