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To the Director of the U.S. Patent and Trademark Office: Please record	NLY								
	PATENTS ONLY								
1. Name of conveying party(les): 2. Na	the attached documents or the new address(es) bek	w.							
The statement and administrating the months of the statement of the statem	ame and address of receiving party(les)								
Roy Philip Splieth (07/11/2012), Gennaro A. Barile	Name: Howmedica Osteonics Corp.								
(07/11/2012) & Robert Bell (07/07/2012)	Internal Address:								
	et Address:								
3. Nature of conveyance/Execution Date(s):									
Execution Date(s): in parentheses after Inventor name 325	325 Corporate Drive								
X Assignment Merger Change of Name									
	Mahwah								
L	Country: United States of America Zip: 07430 Additional name(s) & address(es) Yes X No								
l I Withor	tional name(s) & address(es) Yes X No ched?	I							
A. Patent Application No.(9) 29/425,906	s. Patent No.(s)								
Additional numbers attached?	Yes X No	–							
5. Name and address to whom correspondence concerning document should be mailed:	otal number of applications and 1								
Name: Raymond W. Augustin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP 7. 7a	otal fee (37 CFR 1.21(h) & 3.41) \$ 40.00								
Internal Address: Atty. Dkt.: OSTEONICS 3.1-876									
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account								
l T	Enclosed								
	None required (government interest not affecting	g title)							
City: Westfield 8. Pa	syment Information								
State: NJ Zip: 07090	-								
Phone Number: 908-654-5000									
Fax Number: 908-654-7866 De	Daposit Account Number 12-1095								
Email Address:ataylor@ldlkm.com	Authorized User Name Raymond W. Augustin	<u> </u>							
9. Signatures Wigner -	September 7, 2012								
	Date								
Signature Raymond W. Augustin - 28,588	Total number of pages including cover	4							

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rhett
(Signature)

Roy Philip Splieth to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by himmer or his her own free will for

(Notary Public)

X *Total of __3__:forms are submitted.

the purposes therein set forth.

MARIA KIRK NOTARY PUBLIC OF NEW JERSEY My Commission Expires 8/8/2016

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former PTO/SB/15 (05/01) Modified LDLK&M Docket Number (Optional) ASSIGNMENT OF DESIGN APPLICATION OSTEONICS 3.1-876 Whereas, I, Gennaro A. Barile 308 Hagan Place; Secaucus, New Jersey 07094 hereafter referred to as assignor, have with others invented certain new and useful improvements in HUMERAL HEAD RETRACTOR for which an application for a United States Design Patent was filed on June 28, 2012 29/425,906 Application Number for which an application for a United States Design Patent was executed by me for which an International Application was filed on , designating the United States. And Whereas. Howmedica Osteonics Corp. a corporation of New Jersey herein referred to "assignee" whose mailing address is 325 Corporate Drive; Mahwah, New Jersey 07430 is desirous of acquiring the entire right, title and interest in the same; dollar (\$), the receipt whereof NOW, THEREFORE, in consideration of the sum of __one__ is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid Design patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid Design application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby egree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Design Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lewful 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 said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. 2012_ before me personally came the above-named to me personally known as the individual who executed the Gennaro A. Barlle foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forthe (Notary Public)

MÄRIA KIRK NOTARY PUBLIC OF NEW JERSEY My Commission Expires 6/8/2018

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former PTO/SB/15 (05/01) Modified LDLK&M Docket Number (Optional) ASSIGNMENT OF DESIGN APPLICATION **OSTEONICS 3.1-876** Whereas, I, Robert Bell Crystal Clinic; 3975 Embassy Parkway; Akron, Ohio 44333 hereafter referred to as assignor, have with others invented certain new and useful improvements in HUMERAL HEAD RETRACTOR X | for which an application for a United States Design Patent was filed on June 28, 2012 29/425,908 Application Number for which an application for a United States Design Patent was executed by me for which an International Application was filed on , designating the United States. And Howmedica Osteonics Corp. Whereas, a corporation of New Jersey herein referred to "assignee" whose mailing address is 325 Corporate Drive; Mahwah, New Jersey 07430 is desirous of acquiring the entire right, title and interest in the same;), the receipt whereof 1.00 NOW, THEREFORE, In consideration of the sum of one dollar (\$ is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid Design patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid Design application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, relesue and other applications for Design Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said 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 said assignee. And I do hereby authorize my attorneys to Insert on this deed the filling date and application number of said application when known. State of County of 20/2 before me personally came the above-named On this to me personally known as the individual who executed the Robert Bell foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for SHARYL A. HOBELL the purposes therein set forth. Notary Public Steel of China My Compassion in quies July 24, 2015

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