Form PTO-1595 (Rev. 03-11) DMB No. 0651-0027 (exp. 03/31/2012)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Tredemark Office: Please	record the attached documents or the new address(es) below.			
Name of conveying party(ies):	2. Name and address of receiving party(les)			
Katherine Liccardo (03/02/2010), Delphine	Name: Howmedica Osteonics Corp.			
Patterson (03/02/2010), Joseph Wilmot (03/01/2010), and Sarah Grare (03/02/2010)	Internal Address:			
Additional name(s) of conveying party(ies) strached? Yes X No	Street Address:			
3. Nature of conveyance/Execution Date(s):				
Execution Date(s): In parentheses after Inventor name	325 Corporate Drive			
X Assignment Merger Change of Name				
Security Agreement Joint Research Agreement	Mahwah			
	City: Mahwah			
Government Interest Assignment	State: New Jersey			
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 07430			
Other	Additional name(s) & address(es) Yes X No attached?			
Additional numbers attached?	Yes X No			
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Brent L. Farese LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Atty. Dkt.: OSTEONICS 3.0-774 CON				
Street Address: 600 South Avenue West	X Authorized to be charged to deposit account			
	Enclosed			
	None required (government interest not affecting title			
City: Westfield	8. Payment Information			
State: NJ Zip: 07090				
Phone Number: 908-654-5000				
Fax Number: 908-654-7866	Deposit Account Number 12-1095			
Email Address: ataylor@ldlkm.com	Authorized User Name Brent L. Farese			
9. Signature:				
But Far	April 5, 2012			
Signature	Date			
Brent L. Farese - 63,617 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents			

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PATENT REEL: 028006 FRAME: 0025

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	tormer PTQvSB/15 (6:00) Modified LDLX&M		
ACCIONIMENT OF LETTINTY ACCIDATION	Docket Number (Optional)		
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-774		
Whereas, I, Katherine Liccardo 28 Countrywood Drive; Morris Plains, New Jersey 0795 hereafter referred to as assignor, have with others invented certal IMPLANT PACKAGE X for which an application for a United States Letters Pate Application Number 12/655,369 1 for which an application for a United States Letters Paten and	ain new and useful improvements in any was filed on		
Whereas, Howmedica Osteonics Corp. a corporation of New Jersey herein referred to as "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; NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assigner 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 utility patent 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 said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility 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 covernant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters 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 tostify 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, aesigns and nominees to obtain p			
expenses incident to said applications to be borne and paid by said And I do hereby authorize my attorneys to insert on this deed the when known.			
March 2, 2010			
(Date)	(\$ignature)		
State of New Texass) SS: County of Language)			
On this 2 day of Floric day of Liceardo, to me personally known as the individual who execute that the same was executed by him/lier of his/her own free will fo	me personally came the above-named <u>Katherine</u> of the foregoing instrument, who acknowledged to me rithe purposes therein set forth.		
(Notary Public)	IICHELE SPARER		
NOTAN	PUBUC OF NEW JERSEY		

	former PTO/S9/15 (9:00) Modified LDUK&M			
	Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-774			
Whereas, I, Delphine Patterson 1 Willow Wood Square; East Rutherford, New Jersey 0 hereafter referred to as assignor, have with others invented cert IMPLANT PACKAGE X for which an application for a United States Letters Pate Application Number 12/655,369 tor which an application for a United States Letters Pater and	ain new and useful improvements in ent was filed on December 29, 2009			
Whereas, Howmedica Osteonics Corp. a corporation of New Jersey herein referred to as "assignee" whose mailing address is 325 Corporate Drive; Mahwah, New Jersey, 97430 Is destrous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollars (\$ 100), the receipt whereof 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 utility patent application and all original, divisional, continuation, continuation-in-part, substitute or relessue 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 and the Gommissioner 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 or the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigne do hereby agree and covernant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof 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 exsignee, 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.				
02 March 2010	Patterson			
(Date)	(Signature)			
State of No. 1424) SS: County of General)	me personally came the above-named <u>Dephine</u> the foregoing instrument, who acknowledged to me			
	AICHELE SPARER			
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ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)
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X for which an application for a Hollad States Letters Pag	ent was filed on December 29, 2009
Application Number 12/655,369	
To which an application for a United States Letters Pater	n was executed by me on
io: which an International Application was filed on	. 35
And designating the United	Sines.
Whereas, Howmedica Osteonics Corp. a corporation of New Jersey herein religion to as "assigned" wh	orea madina aridones le
325 Corporate Drive: Mahwuh, Naw Jersey 07430	nak mamily kadi esa is
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NOW, TREAFFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration. I	dollars (\$ 1.00), the receipt whereoff as assign and set over to said
assignee my entire right, titto and interest for the United State	es of America and all other countries in and to said
unvention and the atoresaid utility patent application and all o applications and patents applied for or gramed therefor in the	
said invention, including without limitation all applications and p.	
the aforestiid utility application pursuant to any low or treaty, an infringement with the right to see for and collect the same for its	
legal representatives, and including the right to claim such prior	
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Assignments thereof to said assignee or its assigns, to community who will be undersigned respecting said improvements, where	
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And I do hereby authorize my altorneys to insert on this deed the when littown	ming date and application introper of some application
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los March 2010	the water
Date,	Joseph Wilmot
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A THE TAX ADDITION	Docker Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-774	
	of	
Whereas, I, Sarah Grare	41-10-20-1	Mesonal TOP
-256 Minford Avenue, South Plainfield, New Jersey 07080- 271 us 21 FDC16 MED TO		
hereafter referred to as assignor, have with others invented certa IMPLANT PACKAGE		
X for which an application for a United States Letters Pate Application Number 12/655.369		
for which an application for a United States Letters Paten and	I was executed by me on	
Whereas, Howmedica Osteonics Corp.	And malling address is	
a corporation of New Jersey, herein referred to as "assignee" who 325 Corporate Drive; Mahwah, New Jersey, 07430	ose maning appress is	
Is destrous of acquiring the entire right, title and interest in the sa	ime;	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration. It assignees my entire right, title and interest for the United State invention and the aforesald utility patent application and all substitute or relsaue applications and patents applied for or graphority or benefit of the aforesaid utility application pursuant to a priority or benefit and the Commissioner of Patents and Traden patents on said improvements or resulting therefrom to said therein; and the undersigned for me and my legal representative without further remuneration, to execute and deliver all original, of the Letters Patent on said improvements and all assignments that o said assignee or its representatives all facts known to the unrequested, to testify in any interferences or other legal proceed become involved, to sign all lawful papers, make all rightful on assignee, its successors, assigns and nominees to obtain paten expenses incident to said applications to be borne and paid by signs.	dollars (\$ 1.00), the receipt whereof as assigner hereby sell, assign and set over to said set of America and all other countries in and to said original, divisional, continuation, continuation-in-part, inted therefor in the United States of America and all applications and patents for said invention claiming any law or treaty, and including the right to claim such marks is hereby authorized and requested to issue all assignee nerein, as assignee of the entire interest es, heirs and assigns do hereby agree and covenant divisional, continuation, relissue and other applications ereof to said assignee or its assigns, to communicate indersigned respecting said improvements, whenever into in which any of said applications or patents may the and to generally everything necessary to aid to protection for said improvements in all countries, the aid assignee.	
And I do hereby authorize my attorneys to insert on this deed the when known.	<i>/</i> -	1
Myrch 2, 2010 (Dale)	WALL (Signature)	
State of Non Tensel) SS: County of <u>Lensel</u>)	, /	
Grare, to me personally known as the individual who executed that the same was executed by him/her of his/her own free will to	or the purposes therein set forth.	
((NOTA	MICHELE SPARER RY PUBLIC OF NEW-JERSEY MISSION EXPIRES 12/2/2013	1
Total of forms are substitute.	5	J

PATENT REEL: 028006 FRAME: 0029