PTO-1595 (Rev. 09/ 04) No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	
PATENTS ONLY	
o the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(ies)
OY PHILIP SPLIETH (04/14/2009) AND	<u>}</u>
AMES DAVID LOREK (05/04/2009)	1
	Name: HOWMEDICA OSTEONICS CORP.
	Name: HOWMEDICA 03 Estimates Internal Address:
	Street Address:
xecution Date(s): in parentheses after inventor name  xecution Date(s): in parentheses after inventor name  xecution Date(s): In parentheses after inventor name  xecution Date(s): In parentheses after inventor name	Street Address.
dditional name(s) of conveying party(ies) shacked? Yes X No	CORDOD ATT DRIVE
Nature of Conveyance:	325 CORPORATE DRIVE
x Assignment Merger	1
Security Agreement Change of Name	City MAHWAH
Government Interest Assignment	StateNEW JERSEY
	Country: United States of America Zip: 07430
Executive Order 9424, Confirmatory License	Additional name(s) & address(es) Yes X No
Other	attsched:
Additional numbers attache	
<ol> <li>Name and address to whom correspondence concerning document should be mailed:</li> </ol>	6. Total number of applications and 1 patents involved:
Name: William A. Di Bianca	1
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
KNOWII POCE II WEST STATES	
Internal Address: Atty. Dkt.: OSTEONICS 3.0-695 CIP	Authorized to be charged by credit cerd
Internal Address: Any, Dat.: 0510011100 515	
Street Address: 600 South Avenue West	Authorized to be charged to deposit account
Gilder, Marie God Walling Co.	Enclosed
	None required (government interest not effecting
	None required (government like est not offering
City: Westfield	8. Payment information
N.I. 7in: 07090	a Credit Card Last 4 Numbers
Phone Number: (908) 654-5000	Expiration Date
Fex Number: (908) 654-0415	b. Deposit Account Number 12-1095
Email Address:	Authorized User Name William A. Di Bianca
9. Signature:	//
	May 7, 2009
Signature	Date Date
William A. Di Bianca - 58,653	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	

1013988\_1.DOC

PATENT REEL: 022657 FRAME: 0807

<u></u>	former PTO/SB/15 (B-00) Modified LOLX4M
	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-695 CIP
Whereas, I. Roy Philip Splieth	of
22 Midland Avenue; Central Valley, New York 10917	
hereafter referred to as assignor, have with others invented cen	ain new and useful improvements in
EXPANDABLE REVERSE SHOULDER TRIAL	
x for which an application for a United States Letters Pa Application Number 12/405,460	tent was filed onMarch 17, 2009
for which an application for a United States Letters Pate	ent was executed by me on ,
and	<del>-</del>
	•
Whereas, Howmedica Osteonics Corp.	here mailing offrees is
a corporation of New Jersey herein referred to as "assignee" w 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 <u>one</u> is acknowledged, and other good and valuable consideration.	I as assignor hereby sell, assign and set over to said
invention and the aforesaid utility patent application and at	rented therefor in the United States of America and all
priority or benefit of the aforesaid utility application pursuant to	amarks is hereby authorized and requested to issue all
therein; and the undersigned for me and my legal representation to execute and deliver all origins	divisional continuation, reissue and other applications
dia a varia di seria della compania della contra mante di seria di seria di seria di seria di seria di seria d	Thereof in \$20 2550 her of its 45556 to, to economic mass.
to said assignee or its representatives all facts known to the	adings in which any of said applications or patents may
1 accionne ité encogence assigns and nominées lo obtain pair	GUI DLOIGCHOU TO SEIO INDICACULETUS III SU COSTULADO LA CO
expenses incident to said applications to be borne and paid by	
4/14/09	For Soleth.
(Date)	(Signature)
No Tracel 100	, 2 - ,
1000	
County of <u>BELGEN</u> )	
On this 14th day of APKIL . 2009 befo	re me personally came the above-named Roy Philip
Splieth, to me personally known as the individual who executed by him/her of his/her own free with	uted the foregoing instrument, who acknowledged to me if for the purposes therein set forth.
inat the same was executed by hittirier of hisrier own lies wi	~~~~~~
	MICHELE SPARER
(Notary Public)	NOTABY PLBUC OF NEW JERGEY
	Commission Expires 12/2/2013
x Total of 2 forms are submitted.	

LD-528\

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3:0-695-CIP
/hereas, I. <u>James David Lorek</u>	of
101 Harvest Lane; Lincoln Park, New Jersey 07035	
ereafter referred to as assignor, have with others invented cert	ain new and useful improvements in
EXPANDABLE REVERSE SHOULDER TRIAL	
x for which an application for a United States Letters Pat Application Number 12/405,460	lent was filed on March 17, 2009
for which an application for a United States Letters Pate	ent was executed by me on
and	
_	
Whereas, Howmedica Osteonics Corp.  corporation of New Jersey herein referred to as "assignee" w	hose mailing address is
325 Corporate Drive; Mahwah, New Jersey 07430	
desirous of acquiring the entire right, title and interest in the s	same;
substitute or reissue applications and patents applied for or gother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Tradicatents 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 originator betters Patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal processors involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by	all applications and pacific to any law or treaty, and including the right to claim so emarks is hereby authorized and requested to issue the entry interest of the entire interest tives, heirs and assigns do hereby agree and covern the entry and assigns do hereby agree and covern thereof to said assignee or its assigns, to communic thereof to said assignee or its assigns, to communic the undersigned respecting said improvements, where edings in which any of said applications or patents repaired in the entry of the entry the edings in which any of said applications or patents of the entry of the entry the edings in which any of said applications or patents of the entry
substitute or reissue applications and patents applied for or gother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Tradicatents on said improvements or resulting therefrom to said therein; and the undersigned for me and my legal representational further remuneration, to execute and deliver all originations are patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful patents.	all applications and patents for said invention claims any law or treaty, and including the right to claim semarks is hereby authorized and requested to issue the designee herein, as assignee of the entire interestives, heirs and assigns do hereby agree and covern the design of the entire interestives, heirs and assigns do hereby agree and covern thereof to said assignee or its assigns, to communicate undersigned respecting said improvements, whenever the design of the desi
substitute or reissue applications and patents applied for or gother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Tradicatents 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 originator further remuneration, to execute and deliver all originator further patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by	all applications and patents for said invention claims any law or treaty, and including the right to claim semarks is hereby authorized and requested to issue id assignee herein, as assignee of the entire intertives, heirs and assigns do hereby agree and cover it, divisional, continuation, reissue and other application thereof to said assignee or its assigns, to communic tumbersigned respecting said improvements, where edings in which any of said applications or patents reather, and to do generally everything necessary to ent protection for said improvements, in all countries,
substitute or reissue applications end patents applied for or gother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Tradicatents on said improvements or resulting therefrom to said herein; and the undersigned for me and my legal representative truther remuneration, to execute and deliver all origination Letters Patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by  State of New Tersey  (Date)	all applications and patents for said invention claims any law or treaty, and including the right to claim semarks is hereby authorized and requested to issue the designee herein, as assignee of the entire interestives, heirs and assigns do hereby agree and covern the design of the entire interestives, heirs and assigns do hereby agree and covern thereof to said assignee or its assigns, to communicate undersigned respecting said improvements, whenever the design of the desi
substitute or reissue applications and patents applied for or gother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Tradipatents 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 for Letters Patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by  State of Senseul  On this Yth day of May , 2009 beto David Lorek, to me personally known as the individual who emethat the same was executed by him/her of his/her own free	all applications and patents for said invention claims of any law or treaty, and including the right to claim shemarks is hereby authorized and requested to issue emarks is hereby authorized and requested to issue it designee herein, as assignee of the entire intentives, heirs and assigns do hereby agree and covernit, divisional, continuation, reissue and other application thereof to said assignee or its assigns, to community thereof to said assignee or its assigns, to community thereof to said assignee or its assigns, to community thereof to said assignee or its assigns, to community thereof to said assignee and other applications or patents in oaths, and to do generally everything necessary to ent protection for said improvements in all countries, and assignee.  (Signature)  (Signature)
substitute or reissue applications and patents applied for or grother countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Tradepatents 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 for Letters Patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by    State of   NFW JERSEY   Section	all applications and patents for said invention claims of any law or treaty, and including the right to claim shemarks is hereby authorized and requested to issue at the said assignee herein, as assignee of the entire intentives, heirs and assigns do hereby agree and coverning divisional, continuation, reissue and other application thereof to said assignee or its assigns, to communic thereof to said assignee or its assigns, to communic thereof to said assignee or its assigns, to communic thereof to said assignee or its assigns, to communic thereof to said assignee and other applications or patents in oaths, and to do generally everything necessary to ent protection for said improvements in all countries, said assignee.  (Signature)  (Signature)  Tore me personally came the above-named Jail executed the foregoing instrument, who acknowledge is will for the purposes therein set forth.
substitute or reissue applications and patents applied for or gother countries, for said invention, including without limitation priority or benefit and the Commissioner of Patents and Tradipatents 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 for Letters Patent on said improvements and all assignments to said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal process become involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pate expenses incident to said applications to be borne and paid by  State of Senseul )  On this Uth day of May , 2009 bet David Lorek, to me personally known as the individual who eme that the same was executed by him/her of his/her own free	all applications and patents for said invention claims of any law or treaty, and including the right to claim shemarks is hereby authorized and requested to issue emarks is hereby authorized and requested to issue it designee herein, as assignee of the entire intentives, heirs and assigns do hereby agree and covernit, divisional, continuation, reissue and other application thereof to said assignee or its assigns, to community thereof to said assignee or its assigns, to community thereof to said assignee or its assigns, to community thereof to said assignee or its assigns, to community thereof to said assignee and other applications or patents in oaths, and to do generally everything necessary to ent protection for said improvements in all countries, and assignee.  (Signature)  (Signature)

PATENT REEL: 022657 FRAME: 0809