Form PTO-1595 (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC
RECORDATION FOR PATENT	
To the Director of the U.S. Patent and Trademark Office: Please	
1. Name of conveying party(ies)/Execution Date(s): DANIEL E. LAWRYNOWICZ (03/23/2077), AIGUO WANG (03/23/2007), AND ZONGTAO ZHANG (03/23/2007)	2. Name and address of receiving party(ies)
	Name: HOWMEDICA OSTEONICS CORP. Internal Address:
Execution Date(s): in parentheses after inventor name Additional name(s) of conveying party(ies) attached?	Street Address:
3. Nature of Conveyance:	325 CORPORATE DRIVE
Security Agreement Change of Name Government Interest Assignment	City: <u>MAHWAH</u> State: NEW JERSEY
Executive Order 9424, Confirmatory License	
Other	Country: United States of America Zip; 07430 Additional name(s) & address(es) Yes X attached: Yes X
A. Patent Application No.(s) 11/728,676	This document is being filed together with a new application. B. Patent No.(\$)
Additional numbers attached?	
 Name and address to whom correspondence concerning document should be mailed; 	6. Total number of applications and patents involved:
Name: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty, Dkt.: OSTEONICS 3.0-634	Authorized to be charged by credit card
Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
	8. Payment Information
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers
Phone Number: (908) 518-6374	Expiration Date
Fax Number: (908) 654-0415 Email Address: dsmid@ldlkm.com	b. Deposit Account Number 12-1095 Authorized User Name Dennis M. Smid, Esg.
9. Signature:	Cennis M. Sinid, Esg.
- Generative Signature	June 3, 2011
Dennis M. Smid, Esq 34,930 Name of Person Signing	Date Total number of pages including cover 4 sheet, attachments, and documents: 4

1423692

		Docket Number (Optional)
ASSIGNMEN		OSTEONICS 3.0-634
	-	of
		OT
36 Menor Drive	; Comwall, New York 12518	
METHOD FOR HIGH CARBIC	DE PHASE AND SUCH MEDICAL COM	
		tent was filed on
Application	Number	net was avacuted by me on
for which and	n application for a United States Letters Pate	
Whereas, Hown	nedica Osteonics Corp. w Jersey herein referred to as "assignee" w	hose mailing address is
a corporation of Ne	w Jersey herein referred to as assignee w rive; Mahwah, New Jersey 07430	
is desirous of acquir	ring the entire right, title and interest in the	same;
assignee my entire invention and the substitute or relssu other countries, for priority or benefit of priority or benefit a patents on said im	a right, title and interest for the United Sta aforesaid utility patent application and all e applications and patents applied for or g said invention, including without limitation f the aforesaid utility application pursuant to nd the Commissioner of Patents and Trad	I as assignor hereby sell, assign and set over to sa ates of America and all other countries in and to sa i original, divisional, continuation, continuation-in-pa pranted therefor in the United States of America and all applications and patents for said invention claimin o any law or treaty, and including the right to claim su emarks is hereby authorized and requested to issue id assignee herein, as assignee of the entire interesting back here and assignes do hereby agree and covers
without further remains for Letters Patent of to said assignee of requested, to testiff become involved, for assignee, its successing expenses incident	Idersigned for me and my legal representa uneration, to execute and deliver all origina on said improvements and all assignments in its representatives all facts known to the iy in any Interferences or other legal proce- to sign all lawful papers, make all rightful pesors, assigns and nominees to obtain pat to said applications to be bome and pald by	It ves, there and assigned to have and other application thereof to said assignee or its assigns, to communicate undersigned respecting said improvements, wheneve edings in which any of said applications or patents in oaths, and to do generally everything necessary to a ent protection for said improvements in all countries, the y said assignee.
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ASSIGNMENT OF UTILITY APPLICATION	former PTO/SB/15 (8-00) Modified LC Docket Number (Optional)
	OSTEONICS 3.0-634
Whereas, I, Aiguo Wang	
4 Greenbrier Ct.; Wayne, New Jersey 07470	of
hereafter referred to as assignor, have with others invented certain METHOD FOR FABRICATING A MEDICAL COMPONE HIGH CARBIDE PHASE AND SUCH MEDICAL COMPO	
x for which an application for a United States Letters Patent Application Number	
for which an application for a United States Letters Patent v and	vas executed by me on
Whereas, Howmedica Osteonics Corp.	
a corporation of <u>New Jersey</u> herein referred to as "assignee" whose 325 Corporate Drive; Mahwah, New Jersey 07430	
s desirous of acquiring the entire right, title and interest in the same	, ,
s acknowledged, and other good and valuable consideration, I as assignee my entire right, title and Interest for the United States of nvention and the aforesaid utility patent application and all orig substitute or reissue applications and patents applied for or grante other countries, for said invention, including without limitation all ap priority or benefit of the aforesaid utility application pursuant to any priority or benefit and the Commissioner of Patents and Trademark batents on said improvements or resulting therefrom to said assi- herein; and the undersigned for me and my legal representatives, vithout further remuneration, to execute and deliver all original, divis or Letters Patent on said improvements and all assignments there of said assignee or its representatives all facts known to the unde squested, to testify in any interferences or other legal proceedings ecome involved, to sign all lawful parters.	of America and all other countries in and to sa inal, divisional, continuation, continuation-in-pail d therefor in the United States of America and a oplications and patents for said invention claimin law or treaty, and including the right to claim suc- (s is hereby authorized and requested to issue a signee herein, as assignee of the entire interes- heirs and assigns do hereby agree and covenar- sional, continuation, reissue and other application of to said assignee or its assigns, to communicat resigned respecting said improvements, whenever
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	former PTO/SB/15 (8-00) Modified LD
ACCIONMENT OF UTUITY ADDUCATION	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	OSTEONICS 3.0-634
	of
Whereas, I, Zongtao Zhang	
24 Oakridge; Unionville, Connecticut_06085	
hereafter referred to as assignor, have with others invented certa METHOD FOR FABRICATING A MEDICAL COMPORTING HIGH CARBIDE PHASE AND SUCH MEDICAL COM	NENT FROM A MATERIAL HAVING A
x for which an application for a United States Letters Pate	ent was filed on
Application Number	
for which an application for a United States Letters Pater and	nt was executed by me on ,
Whereas, Howmedica Osteonics Corp.	
a corporation of <u>New Jersey</u> herein referred to as "assignee" wh	iose mailing address is
<u>325 Corporate Drive; Mahwah, New Jersey 07430</u> is desirous of acquiring the entire right, title and interest in the se	ame:
assignee my entire right, title and interest for the United Stat Invention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or gro other countries, for said invention, including without limitation a priority or benefit and the aforesaid utility application pursuant to priority or benefit and the Commissioner of Patents and Trades 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, for Letters Patent on said improvements and all assignments the to said assignee or its representatives all facts known to the undersigned, to testify in any interferences or other legal proceed become involved, to sign all lawful papers, make all rightful or assignee, its successors, assigns and nominees to obtain pater expenses incident to said applications to be borne and paid by s	original, divisional, continuation, continuation-in-p anted therefor in the United States of America and any law or treaty, and including the right to claim s marks is hereby authorized and requested to issue assignee herein, as assignee of the entire inte ves, heirs and assigns do hereby agree and cover divisional, continuation, reissue and other applicat hereof to said assignee or its assigns, to communi- undersigned respecting said improvements, when things in which any of said applications or patents is aths, and to do generally everything necessary to it protection for said improvements in all countries, said assignee.
when known.	7
3-23-2007	0100
(Date)	(Signature)
State of New Selfser) SS:	
On this day of <u>MOUCH</u> , <u>2017</u> before <u>Zhang</u> , to me personally known as the individual who execute that the same was executed by him/her of his/her own free will f	e me personally came the above-named <u>Zonc</u> Id the foregoing instrument, who acknowledged to for the purposes therein set forth.
(Notary Public)	
x Total of 3 forms are submitted.	
748404_1.DOC	
JACQUELINE M. SA Notary Public of Net Commission Expires 1	w Jersey
ORDED: 06/03/2011	