FORM PTO-1595 (Rev 5-93) CMB No 055 y007 (e2, 4/94) Tab settings == = = *	07-14-19	
To the Honorable Commissioner of	10109066	
1. Name of conveying party(ies): Donald E. McNulty Todd Smith Additional name(s) of conveying party(ies) attach		2. Name and address of receiving partyles) Name: DePuy Orthopaedics, Inc. Internal Address:
Nature of conveyance:		
፟ \D Assignment	□ Merger	Street Address:
☐ Security Agreement	☐ Change of Name	700 Orthopaedic Drive
☐ Other		City: Warsaw State: IN ZIP: 4658
Execution Date: June 8, 1999		Additional name(s) & address(es) attached? Q Yes 🔯 No
A. Patent Application No.(s) 09/327,666	-	E. Patent No.(s)
	Additional numbers att	ached? C Yes S No
Name and address of party to whom concerning document should be maile		6. Total number of applications and patents involved:
Name: BARNES & THORNBURG		7. Total fee (37 CFR 3.41)
Internal Address:		🖎 Enclosed
		☐ Authorized to be charged to deposit account
Street Address:	reet	8. Deposit account number.
City: Indianapolis State: I	N ZIP: 46204	(Attach dublicate copy of this page if paying by deposit account)
	DO NOT USE	THIS SPACE
William R. Coffey Name of Person Signing	Della	July 8, 1999 Signature Date Date
Maildocume	ents to be recorded with re	quired coversheet information to: demarks, Box Assignments

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265280-64391

"Not Applicable"

Attorney Docket No.: 265280-64391

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,			
Name(s) of Inventor(s)	Donald E. McNulty			
	and,			
	Todd Smith ,			
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States identified by Serial No and filing date, entitled			
Title of	METHOD FOR MOLDING A PREFORMED CROSS-LINKED BILLET			
Application	hereinafter (the "Application")			
Date of signing of	which has been executed by the undersigned on			
application by each inventor	, and			
	the undersigned hereby sell(s), assign(s), and set(s) over to			
Name of	DePuy Orthopaedics, Inc.			
Assignee				
Address of	700 Orthopaedic Drive			
principal	Tionages Indiana /6501			
place of business	Warsaw, Indiana 46581			
Insert State of				
Incorporation (if applicable) or	a corporation of Indiana			

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

PATENT REEL: 010081 FRAME: 0590

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS	S WHEREOF, I have executed this assignment, 1999.	ent at WARSAW TN this 8 th	đay
Outside the USA: Witnesses are required when	Witness	Inventor (Signature)	
acknowledgment before a Notary Public is not feasible.	Witness	Donald E. McNulty Inventor (Printed Name)	
	ACKNOW	LEDGMENT	
STATE OF	} } SS:		
Acknowledge day of	ed before me, a Notary Public, within and	for said County and State. Witness my hand and Notarial Sea	l this
		Tulie B. Patten Printed Name	
My Commission Expi	res: April 5, 2007	Your la	ounty
245502			

PATENT REEL: 010081 FRAME: 0591

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IN WITNES	S WHEREOF, I have executed this ass	signment at WARSAW IN
this _ & day of _	June , 1999.	
•		$\mathcal{A} \circ \mathcal{A} \circ \mathcal{A} $
Constitution TICA		Mad hall
Gutside the USA: Witnesses are	Witness	Inventor (Signature)
required when	W Ittless	mventor (Signature)
acknowledgment		
before a Notary		Todd Smith
Public is not	Witness	Inventor (Printed Name)
feasible.		
	ACKN	OWLEDGMENT
OTATE OF	1	
STATE OF	}	
COUNTY OF	}	
	,	
Acknowledge	ed before me, a Notary Public, within	and for said County and State. Witness my hand and Notarial Seal this
day of	<u>June</u> , 1999.	\sim \sim \sim
		Cali OS HIGH
		Notary/Public
		NotabyFuolic
		T 15 0 0 11
	•	Julie B. Katten
		Printed Name
	res: Amil 5, 2007	ν . \sim 1
My Commission Expi	res: Hour , 2007	Resident of DSCIUS to County

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PATENT REEL: 010081 FRAME: 0592