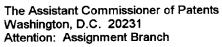
RECOF

02-08-1999









Plea	ise record the attached orig	ginal document or copy ther	eof.		
1.	Name of Conveying Party(ies):				
	DAVID A. McQUEEN CHRISTOPH A. ROTH				
2.	Name and address of Receiving Party(ies):				
	Orthopaedic Research Institute, Inc. 929 N. St. Francis,n Wichita, KS 67214				
3.	Nature of Conveyance [X] Assignment [] License	: [] Security Agreement [] Change of Name		[]Merger [}Other	
	Execution Date of Document:				
4.	If this document is being filed together with a new application, the execution date of the application is <u>January 29, 1999</u>				
	A. Patent Applic	ation Numbers:	В.	Patent Numbers:	
5.	Mail correspondence concerning the document to:		Kyle L. Elliott HOVEY, WILLIAMS, TIMMONS & COLLINS 2405 Grand Boulevard Suite 400 Kansas City, MO 64108-2519		
6.	Total Number of Appli	Total Number of Applications and Patents Involved: _1			
7.	The Commissioner is hereby authorized to charge the required \$40.00 fee for recordation of the enclosed document, to Deposit Account No. 19-0522.				
8.	To the best of my know copy is a true copy of	To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.			
URHS	00000046 190522 0923987 40.00 CH	.00 CH			
		Date _	January	29, 1999	

Total number of pages, including cover sheet and document 3

(Docket No. 26858)

PATENT REEL: 9738 FRAME: 0168

ASSIGNMENT

WHEREAS, WE, DAVID A. McQUEEN of 4100 E. 53rd Circle Drive, Kechi, KS 67067, and CHRISTOPH A. ROTH of 469 W. 9th Street, Wichita, KS 67203, have jointly invented certain new and useful improvements in

CONSTRAINED ACETABULAR INSERT FOR TOTAL HIP ARTHROPLASTY

for which we are about to make application for Letters Patent of the United States; and

WHEREAS, Orthopaedic Research Institute, Inc., a Corporation duly organized under the laws of the State of Kansas, and having its principal place of business at 929 N. St. Francis, Wichita, KS 67214, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, WE, DAVID A. McQUEEN and CHRISTOPH A. ROTH, as co-inventors, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Orthopaedic Research Institute, Inc., the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by each of such as co-inventors on even date herewith preparatory to obtaining Letters Patent of the United States therefor:
 - (b) said application;
 - any and all refilings and continuations of said application;
- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, division and continuations,
 - (e) any and all reissues of said Letters Patent of the United States of America;

PATENT REEL: 9738 FRAME: 0169

- (f) any and all applications for Letters Patent upon said inventing which may hereafter be filed in any and all countries foreign to the United States of America;
 - (g) any and all refilings divisions and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Orthopaedic Research Institute, Inc. for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

Executed this 25 day of

DAVID A. McQUEEN

CHRISTOPH A ROTH

Hothlen J. Elinger

STATE OF Kansas)

COUNTY OF Sedgwick)

On this <u>29</u>th day of <u>January</u> 19<u>99</u>, before me personally appeared DAVID A McQUEEN and CHRISTOPH A. ROTH to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.

KATHLEEN J. ESLINGER NOTARY PUBLIC STATE OF KANSAS A. FURL EXP. 02-16-0

My Commission Expires:

07-16-02

RECORDED: 01/29/1999

-3-

PATENT REEL: 9738 FRAME: 0171