

12-31-2003



102635395

To the Honorable Commissioner of Patents

and original documents or copy thereof.

1. Name of conveying party(ies):

Anitra Durand Allen, Roy Wiley, Dr. Louis Bigliani, Dr. Evan Flatow, Dr. Ian Kelly, Dr. George McCluskey, Dr. Anthony Miniaci, Dr. Gregory Nicholson, Dr. Michael Pearl, and Dr. Ken Yamaguchi

2. Name and address of receiving party (ies)

Name: ZIMMER TECHNOLOGY, INC.

Internal Address:

Street Address: 150 North Wacker Drive Suite 1200

City: Chicago State: Illinois ZIP: 60606

Additional name(s) & address(es) attached: () Yes (X) No

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10/740154



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Additional name(s) of conveying party (ies) attached? () Yes (X) No

3. Nature of conveyance:

- (X) Assignment () Merger
() Security Agreement () Change of Name
() Other

Execution Dates: Dec. 1, 2003, Dec. 11, 2003, Dec. 7, 2003, Dec. 10, 2003, Dec. 8, 2003, Dec. 4, 2003, Dec. 12, 2003, Dec. 4, 2003, Dec. 6, 2003, and Dec. 7, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution dates of the application are: Dec. 1, 2003, Dec. 11, 2003, Dec. 7, 2003, Dec. 10, 2003, Dec. 8, 2003, Dec. 4, 2003, Dec. 12, 2003, Dec. 4, 2003, Dec. 6, 2003 and Dec. 7, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? () Yes (X) No.

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James K. Folker Greer, Burns & Crain, Ltd.
Internal Address: 300 South Wacker Drive Suite 2500
Street Address: Chicago, Illinois 60606

City: State: ZIP:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

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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.

James K. Folker
Name of Person Signing

Signature

December 18, 2003
Date

Total number of pages including cover sheet, attachments, and document: 12

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(Rev. 6-93) (2602.68323)

Patent and Trademark Office

OMB No. 0651-0011(exp. 4/94)

2602.68323

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Anitra Durand Allen, Roy Wiley, Dr. Louis Bigliani,
Dr. Evan Flatow, Dr. Ian Kelly, Dr. George McCluskey,
Dr. Anthony Miniaci, Dr. Gregory Nicholson,
Dr. Michael Pearl, and Dr. Ken Yamaguchi

Additional name(s) of conveying party (ies) attached? () Yes (X) No

2. Name and address of receiving party (ies)

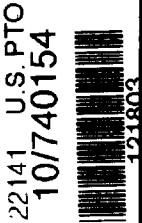
Name: ZIMMER TECHNOLOGY, INC.

Internal Address:

Street Address: 150 North Wacker Drive
Suite 1200

City: Chicago State: Illinois ZIP: 60606

Additional name(s) & address(es) attached: () Yes (X) No



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- () Security Agreement () Change of Name
- () Other _____

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Chicago, Illinois 60606

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City: _____ State: _____ ZIP: _____

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6. Total number of applications and patents involved: 1

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James K. Folker
Name of Person Signing

Signature

December 18, 2003
Date

Total number of pages including cover sheet, attachments, and document: 12

300 South Wacker Drive

Suite 2500

Chicago, Illinois 60606

ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Anitra Durand-Allen
Address: 1115 E. Fort Wayne Street
Warsaw, IN 46580

Name: Dr. George McCluskey
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Name: Roy Wiley
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Warsaw, IN 46582

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9500 Euclid Avenue, A-41
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Name: Dr. Gregory Nicholson
Address: 4052 Grand Avenue
Western Springs, IL 60558

Name: Dr. Evan Flatow
Address: 390 Riverside Drive, #3G
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Name: Dr. Michael Pearl
Address: 2254 Chelan Place
Los Angeles, CA 90068

Name: Dr. Ian Kelly
Address: Glasgow Royal Infirmary
84 Castle Street
Glasgow, G40SF, Scotland

Name: Dr. Ken Yamaguchi
Address: 2105 Brook Hill Ridge Drive
Chesterfield, MO 63017

hereby assigns, transfers and sets over to:

Name: Zimmer Technology, Inc.
Address: 150 N. Wacker Drive
Suite 1200
Chicago, IL 60606

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

METHOD AND INSTRUMENTS FOR POSITIONING HUMERAL COMPONENT DURING SHOULDER ARTHROPLASTY

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on _____; or
- (b) filed on _____,
Serial No. _____;

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(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date: 12/01/2003


Signature of inventor Anitra Durand-Allen
Anitra Durand-Allen

Date: 12/11/03

Signature of inventor Roy Wiley
Roy Wiley

Date: 12/07/03

Signature of inventor


Dr. Louis Bigliani

4 of 11

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212 305 0999

DEC-16-03 06:08PM FROM-Department of Orthopaedics

PATENT
REEL: 014827 FRAME: 0049

Date: Dec 10, 2003

Signature of inventor



Dr. Evan Flatow

Date: 8 DEC 2003

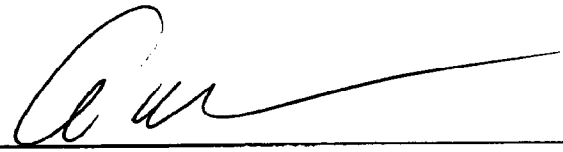
Signature of inventor

Dr. Ian Kelly



Date: 12/4/03

Signature of inventor




Dr. George McCluskey

Date: Dec. 12/03

Signature of inventor  _____
Dr. Anthony Miniaci

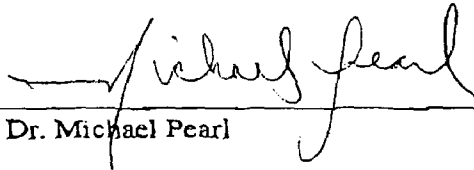
Date: 12/4/03

Signature of inventor


Dr. Gregory Nicholson

Date: 12/8/03

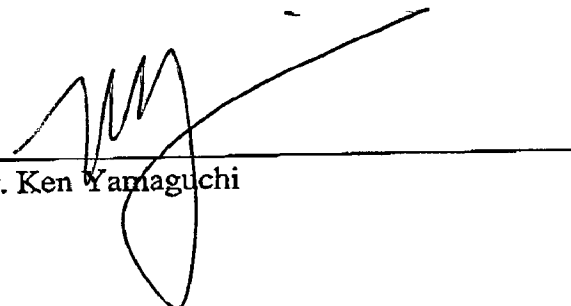
Signature of inventor


Dr. Michael Pearl

Date: 12/7/03

Signature of inventor _____

Dr. Ken Yamaguchi

A handwritten signature in black ink, appearing to be 'Ken Yamaguchi', written over a horizontal line. The signature is stylized with several loops and a long horizontal stroke extending to the right.