

11-20-2009



To the Director of the U.S. Patent and

103581209

Documents or the new address(es) below.

525/111

**1. Name of conveying party(ies)**

Kevin A. Mansmann

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

**2. Name and address of receiving party(ies)**

Name: Arthro Alliance LLC

Internal Address: \_\_\_\_\_

Street Address: 350 W. Lancaster Avenue, Suite 315

City: Paoli

State: Pennsylvania

Country: USA Zip: 19301

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) August 25, 2009

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

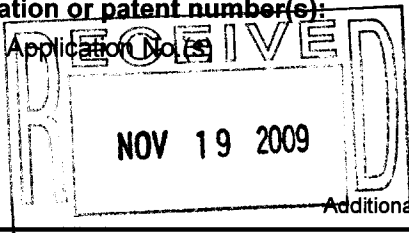
This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,132,468; 6,530,956; 6,629,997; 7,476,250

Additional numbers attached?  Yes  No



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

Name: Patrick D. Kelly

Internal Address: \_\_\_\_\_

Street Address: 11939 Manchester #403

City: St. Louis

State: Missouri Zip: 63131

Phone Number: 314-822-8558

Fax Number: 314-822-8998

Email Address: patenter@aol.com

**6. Total number of applications and patents involved:** One (1)

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 160.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Patrick D. Kelly  
Signature

Nov. 17, 2009

Date

Patrick D. Kelly

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

11/20/2009 MJAMA1 00000001 6132468

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160.00 OP

**PATENT ASSIGNMENT**

WHEREAS I, KEVIN A. MANSMANN , a citizen of the United States, have invented a new and useful improvement in ARTHROSCOPIC REPLACEMENT OF CARTILAGE USING FLEXIBLE INFLATABLE ENVELOPES, as described and claimed in issued US patent 6,132,468,

AND WHEREAS ARTHRO ALLIANCE LLC, a limited liability company organized under the laws of Pennsylvania and having an office and place of business in Paoli, Pennsylvania, has acquired the entire interest in and to said invention and said issued patent,

NOW, THEREFORE, to all whom it may concern, be it known that in exchange for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said KEVIN A. MANSMANN, have sold, assigned and transferred, and by this notarized document do sell, assign and transfer, unto said ARTHRO ALLIANCE LLC, the whole and entire right, title and interest in and to the said US patent 6,132,468, including all rights to file and own related applications (including divisional, continuation, or continuation-in-part applications) and to obtain related patents claiming the same invention in other countries and regions;

And I hereby authorize and request the U.S. Patent and Trademark Office to register and record this patent assignment in a publicly accessible manner, as evidence and confirmation of this patent assignment.

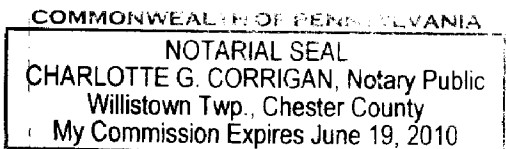
Kevin A. Mansmann  
Kevin A. Mansmann, MD  
250 W. Lancaster Ave., Suite 310  
Paoli, PA 19301

8/25/09  
Date

STATE OF PENNSYLVANIA : SS  
COUNTY OF CHESTER :

On this 25<sup>th</sup> day of August, 2009, before me personally appeared KEVIN A. MANSMANN, to me known to be the person described in the foregoing PATENT ASSIGNMENT, who executed this document as his free act and deed. In witness thereof, I have hereunto set my hand and affixed my notarial seal.

Charlotte G. Corrigan  
Notary Public



**PATENT ASSIGNMENT**

WHEREAS I, KEVIN A. MANSMANN , a citizen of the United States, have invented a new and useful improvement in RESORBABLE SCAFFOLDS TO PROMOTE CARTILAGE REGENERATION, as described and claimed in issued US patent 6,530,956,

AND WHEREAS ARTHRO ALLIANCE LLC, a limited liability company organized under the laws of Pennsylvania and having an office and place of business in Paoli, Pennsylvania, has acquired the entire interest in and to said invention and said issued patent,

NOW, THEREFORE, to all whom it may concern, be it known that in exchange for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said KEVIN A. MANSMANN, have sold, assigned and transferred, and by this notarized document do sell, assign and transfer, unto said ARTHRO ALLIANCE LLC, the whole and entire right, title and interest in and to the said US patent 6,530,956, including all rights to file and own related applications (including divisional, continuation, or continuation-in-part applications) and to obtain related patents claiming the same invention in other countries and regions;

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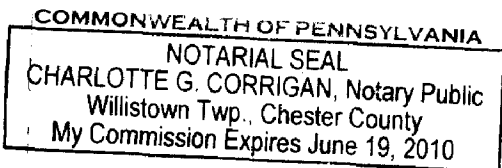
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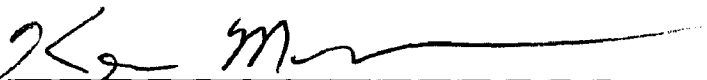
**PATENT ASSIGNMENT**

WHEREAS I, KEVIN A. MANSMANN , a citizen of the United States, have invented a new and useful improvement in MENISCUS TYPE IMPLANT WITH HYDROGEL SURFACE REINFORCED BY THREE-DIMENSIONAL MESH, as described and claimed in issued US patent 6,629,997,

AND WHEREAS ARTHRO ALLIANCE LLC, a limited liability company organized under the laws of Pennsylvania and having an office and place of business in Paoli, Pennsylvania, has acquired the entire interest in and to said invention and said issued patent,

NOW, THEREFORE, to all whom it may concern, be it known that in exchange for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said KEVIN A. MANSMANN, have sold, assigned and transferred, and by this notarized document do sell, assign and transfer, unto said ARTHRO ALLIANCE LLC, the whole and entire right, title and interest in and to the said US patent 6,629,997, including all rights to file and own related applications (including divisional, continuation, or continuation-in-part applications) and to obtain related patents claiming the same invention in other countries and regions;

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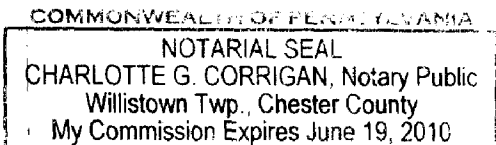
  
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Notary Public



**PATENT ASSIGNMENT**

WHEREAS I, KEVIN A. MANSMANN , a citizen of the United States, have invented a new and useful improvement in SEMI-PERMEABLE MEMBRANES TO ASSIST IN CARTILAGE REPAIR, as described and claimed in issued US patent 7,476,250,

AND WHEREAS ARTHRO ALLIANCE LLC, a limited liability company organized under the laws of Pennsylvania and having an office and place of business in Paoli, Pennsylvania, has acquired the entire interest in and to said invention and said issued patent,

NOW, THEREFORE, to all whom it may concern, be it known that in exchange for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said KEVIN A. MANSMANN, have sold, assigned and transferred, and by this notarized document do sell, assign and transfer, unto said ARTHRO ALLIANCE LLC, the whole and entire right, title and interest in and to the said US patent 7,476,250, including all rights to file and own related applications (including divisional, continuation, or continuation-in-part applications) and to obtain related patents claiming the same invention in other countries and regions;

And I hereby authorize and request the U.S. Patent and Trademark Office to register and record this patent assignment in a publicly accessible manner, as evidence and confirmation of this patent assignment.

*Kevin A. Mansmann*

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