

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4329293

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                     |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                         |
| <b>CONVEYING PARTY DATA</b>   |                                    |
| <b>Name</b>   | <b>Execution Date</b>              |
| GEORGE J SIKORA   | 04/29/2013                         |
| STEVEN EK   | 04/18/2013                         |
| STEVEN TALLARIDA  | 05/01/2013                         |
| <b>RECEIVING PARTY DATA</b>   |                                    |
| <b>Name:</b>  | ARTHROSURFACE, INC.                |
| <b>Street Address:</b>  | 28 FORGE PARKWAY                   |
| <b>City:</b>  | FRANKLIN                           |
| <b>State/Country:</b>   | MASSACHUSETTS                      |
| <b>Postal Code:</b>   | 02038                              |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                    |
| <b>Property Type</b>  | <b>Number</b>                      |
| Application Number:   | 15437282                           |
| <b>CORRESPONDENCE DATA</b>  |                                    |
| <b>Fax Number:</b>  | (512)536-4598                      |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                    |
| <b>Phone:</b>   | 512 536 3045                       |
| <b>Email:</b>   | aoipdocket@nortonrosefulbright.com |
| <b>Correspondent Name:</b>  | NORTON ROSE FULBRIGHT US LLP       |
| <b>Address Line 1:</b>  | 98 SAN JACINTO BLVD                |
| <b>Address Line 2:</b>  | STE 1100                           |
| <b>Address Line 4:</b>  | AUSTIN, TEXAS 78701                |
| <b>ATTORNEY DOCKET NUMBER:</b>  | ARTS.P0002US.D1C1                  |
| <b>NAME OF SUBMITTER:</b>   | DAVID EDWARDS                      |
| <b>SIGNATURE:</b>   | /David Edwards/                    |
| <b>DATE SIGNED:</b>   | 03/21/2017                         |
| <b>Total Attachments: 3</b>   |                                    |
| source=ARTS.P0002US.D1C1#page1.tif  |                                    |
| source=ARTS.P0002US.D1C1#page2.tif  |                                    |
| source=ARTS.P0002US.D1C1#page3.tif  |                                    |

A S S I G N M E N T

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ArthroSurface, Inc. (the "Assignee"), having a place of business at 28 Forge Parkway, Franklin MA 02038, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 13/788,713, which has been filed on **March 7, 2013** and is entitled "**MICROFRACTURE APPARATUSES AND METHODS,**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

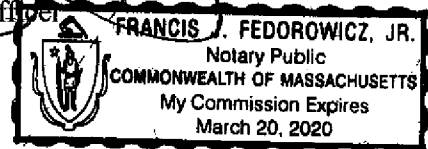
Signature: George J. Sikora Date: 4-29-13  
Name: George J. Sikora

STATE OF MA  
COUNTY OF Plymouth

BEFORE ME, the undersigned authority, on this 29 day of April, 2013 personally appeared George J. Sikora, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Francis J. Fedorowicz, Jr.  
Notary or Consular Officer

[SEAL]



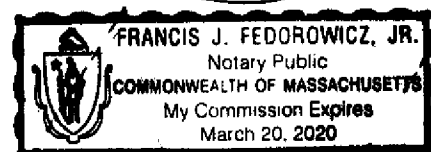
Signature: Steven Ek Date: 4/18/13  
Name: Steven Ek

STATE OF MA  
COUNTY OF Worcester

BEFORE ME, the undersigned authority, on this 18 day of April, 2013 personally appeared Steven Ek, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Francis J. Fedorowicz, Jr.  
Notary or Consular Officer

[SEAL]

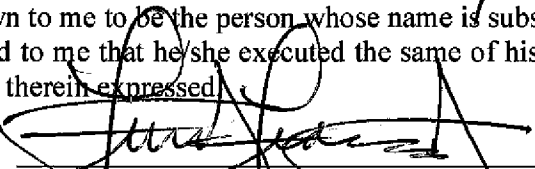


Signature: \_\_\_\_\_  
Name: Steven Tallarida

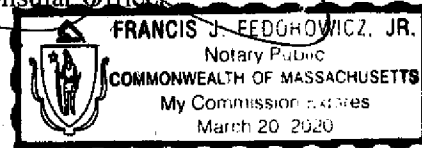
Date: 5/1/13

STATE OF Massachusetts  
COUNTY OF Norfolk

BEFORE ME, the undersigned authority, on this 1 day of May, 2013 personally appeared Steven Tallarida, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

  
Notary or Consular Officer

[SEAL]



FULBRIGHT & JAWORSKI L.L.P.  
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