

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3557177

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRANK D. MARCUM	10/05/2015
JAMES CONWAY	10/05/2015
RECEIVING PARTY DATA	
Name:	ARTHRODYNAMIC TECHNOLOGIES, ANIMAL HEALTH DIVISION, INC.
Street Address:	2333 ALEXANDRIA DRIVE
City:	LEXINGTON
State/Country:	KENTUCKY
Postal Code:	40504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13545327
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	27668-0086
NAME OF SUBMITTER:	WILLIAM L. WARREN, REG. NO. 36,714
SIGNATURE:	/WILLIAM L. WARREN/
DATE SIGNED:	10/06/2015
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, we, **Frank D. MARCUM**, a citizen of the United States of America, residing at P.O. Box 13083, Lexington, Kentucky 40583-3083; and **James CONWAY**, a citizen of the United States of America, residing at 2559 Squaw Creek, Clermont, Florida 34711; have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "**GLYCOSAMINOGLYCAN COMPOSITIONS IN COMBINATION WITH STEM CELLS**", filed in the United States Patent and Trademark Office on **July 10, 2012** and assigned U.S. Application Serial No. **13/545,327**, which is a continuation-in-part of U.S. Application No. **11/766,510** filed **June 21, 2007**; and

WHEREAS, **ArthroDynamic Technologies, Animal Health Division, Inc.**, a corporation of the State of Kentucky, having a principal place of business 2333 Alexandria Drive, Lexington, Kentucky 40504, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Frank D. Marcum** and **James Conway**, by these presents do sell, assign, and transfer unto **ArthroDynamic Technologies, Animal Health Division, Inc.**, the full, exclusive, and entire right, title, and interest in and to said applications, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefore; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, or reissue thereof, to **ArthroDynamic Technologies, Animal Health Division, Inc.**, as the assignee, for its interest and for the sole use and benefit of **ArthroDynamic Technologies, Animal Health Division, Inc.** and its assigns and legal representatives;

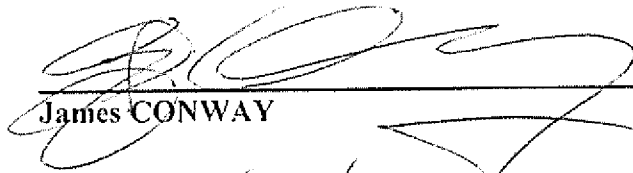
AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reissue, and other applications, make all assignments and rightful oaths, and

generally do everything possible to aid **ArthroDynamic Technologies, Animal Health Division, Inc.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.



Frank D. MARCUM

Date: 5 OCT 2015



James CONWAY

Date: 10/5/15

Docket No.: 27668-0086