503341310 06/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

/ersion v1.1 EPAS ID: PAT3387930

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAD ERIC SEAVER	05/08/2015
JAMES CHRIS ARNOTT	05/08/2015
JAMES ALEXANDER KILLEFFER	05/08/2015

RECEIVING PARTY DATA

Name:	ARKIS BIOSCIENCES
Street Address:	1059 NORTH CEDAR BLUFF ROAD
Internal Address:	157
City:	KNOXVILLE
State/Country:	TENNESSEE
Postal Code:	37923

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14660616

CORRESPONDENCE DATA

Fax Number: (404)645-7707

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.

Phone: 4046457700

Email: mmccaskill@mcciplaw.com
Correspondent Name: MONTRELL MCCASKILL
Address Line 1: 999 PEACHTREE STREET

Address Line 2: SUITE 1300

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	10596-003US1 AS/MDM
NAME OF SUBMITTER:	MONTRELL MCCASKILL
SIGNATURE:	/Montrell McCaskill/
DATE SIGNED:	06/09/2015

Total Attachments: 4

source=10596_003US1_Executed_Assignment#page1.tif source=10596_003US1_Executed_Assignment#page2.tif

PATENT 503341310 REEL: 035806 FRAME: 0700

source=10596_003US1_Executed_Assignment#page3.tif source=10596_003US1_Executed_Assignment#page4.tif

PATENT REEL: 035806 FRAME: 0701

ASSIGNMENT

For valuable consideration, we, Chad Eric Seaver of 7526 Willowcreek Pointe Lane, Knoxville, Tennessee 37931-2573; James Chris Arnott of 10841 Snapdragon Way #813, Knoxville, Tennessee 37931; and James Alexander Killeffer of 4217 Kingston Pike, Knoxville, Tennessee 37919, hereby assign to Arkis Biosciences, a corporation of Tennessee, having a place of business at 1059 North Cedar Bluff Road, 157 Knoxville, TN 37923, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled "TUNNELING GUIDEWIRE," filed March 17, 2015, and assigned U.S. Patent Application No. 14/660,616, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 4

Attorney Docket No. 10596-003US1

Date:	Chad Eric Seaver
STATE OF Jennesse) SS. COUNTY OF Znoz)	
for the State of, there po known to me (or proved to me on the basis of so subscribed to this Assignment, who acknowled	20 / S, before me, the undersigned, a notary public ersonally appeared Chad Eric Seaver , personally atisfactory evidence) to be the person whose name is ged having executed the same in his/her authorized ssignment, the person or the entity upon behalf of
WITNESS my hand and official seal.	
My Commission Ex	Notary Public pires Sep. 29, 2018

Date: 5/8/15	James Chris Arnott
STATE OF Jennes) SS.
COUNTY OF Low)
TOURS STATE OF The second of t	, 20 / , before me, the undersigned, a notary public , there personally appeared James Chris Arnott, r proved to me on the basis of satisfactory evidence) to be the person
whose name is subscribed his/her authorized capacity	to this Assignment, who acknowledged having executed the same in and that by his/her signature on this Assignment, the person or the
entity upon benan of winci	he/she acted, executed this Assignment.
WITNESS my hand	l and official seal.
	Ein Male
100 C. W. 117 J. W.	Notary Public
STATE () TENNESSEE) NOTARY PUBLIC TOTAL COMMON TOTAL TOTAL C	My Commission Expires Sep. 29, 2018

Attorney Docket No. 10596-003US1

Date: 5/8/15	
	James Alexander Killeffer
STATE OF Jennesse	e)) ss.
STATE OF <u>Jennesse</u> COUNTY OF <u>Znax</u>) 55.
On	, 20/5, before me, the undersigned, a notary public there personally appeared James Alexander Killeffer, proved to me on the basis of satisfactory evidence) to be the person this Assignment, who acknowledged having executed the same in and that by his/her signature on this Assignment, the person or the ne/she acted, executed this Assignment.
WITNESS my hand a	and official seal.
ananana.	Gun Julia
TEMESSEE N	Notary Public My Commission Expires Sep. 29, 2018