PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4048015

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DLAWER ALA'ALDEEN	08/25/2016
JAFAR MAHDAVI	08/26/2016
PANOS SOULTANAS	08/26/2016

RECEIVING PARTY DATA

Name:	AKESO BIOMEDICAL, INC.	
Street Address:	850 WINTER STREET	
City:	WALTHAM	
State/Country:	MASSACHUSETTS	
Postal Code:	02451	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15234941
PCT Number:	US2016046623

CORRESPONDENCE DATA

Fax Number: (404)879-2160

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: (404) 879-2150

Email: Imcmillan@pabstpatent.com
Correspondent Name: PABST PATENT GROUP LLP
Address Line 1: 1545 PEACHTREE STREET, NE

Address Line 2: SUITE 320

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	AKESO 104 PCT
NAME OF SUBMITTER:	LAURIE MCMILLAN
SIGNATURE:	/Laurie McMillan/
DATE SIGNED:	09/09/2016

Total Attachments: 5

source=AKESO_104_Assignment_Executed#page1.tif source=AKESO_104_Assignment_Executed#page2.tif

PATENT 504001359 REEL: 039704 FRAME: 0964

source=AKESO_104_Assignment_Executed#page3.tif source=AKESO_104_Assignment_Executed#page4.tif source=AKESO_104_Assignment_Executed#page5.tif

ASSIGNMENT

We, Dlawer Ala'Aldeen of 2 Dowry Walk, Watford, WD17 4TG, UK, Jafar Mahdavi of 32 Tom Blower Close, Nottingham, NG8 1JQ, UK, and Panos Soultanas of 7 Nethermere Lane, Nottingham, NG8 6FA, UK, in consideration of ten dollars and other valuable consideration paid to us by Akeso Biomedical, Inc., a corporation of the state of Delaware, having its principal place of business at 850 Winter Street, Waltham, Massachusetts 02451 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its possessions and territories, and all foreign countries and jurisdictions, in, to, and for (1) a certain invention(s) and/or improvement(s) in "BIOFILM INHIBITING COMPOSITIONS ENHANCING WEIGHT GAIN IN LIVESTOCK" described in U.S. Application No. 15/234,941 filed in the United States Patent and Trademark Office on August 11, 2016 and International Application No. PCT/US2016/046623 filed in the United States Receiving Office for the Patent Cooperation Treaty on August 11, 2016, by Dlawer Ala'Aldeen, Jafar Mahdavi and Panos Soultanas, and in the application(s) to which priority is claimed, being International Application No. PCT/US2015/044603 filed in the United States Receiving Office for the Patent Cooperation Treaty on August 11, 2015, U.S. Provisional Application No. 62/296,386 filed in the United States Patent and Trademark Office on February 18, 2016, and U.S. Provisional Application No. 62/334,746 filed in the United States Patent and Trademark Office on May 11, 2016, (2) U.S. Application No. 15/234,941 filed August 11, 2016, International Application No. PCT/US2016/046623 filed August 11, 2016, International Application No. PCT/US2015/044603 filed August 11, 2015, U.S. Provisional Application No. 62/296,386 filed February 18, 2016, and U.S. Provisional Application No. 62/334,746 filed May 11, 2016, (3) all Letters Patent of the United States and its possessions and territories and of all foreign countries and jurisdictions which may or shall be granted on said invention(s), on said improvement(s), or on said application(s), (4) all provisional, divisional, continuation, reissue, PCT, national phase, or other applications based thereon, and (5) all rights of priority, including the right to claim priority to said application(s), under the International Convention for the Protection of Industrial Property,

45,229,695

1

AKESO 104 PCT and Utility 095398/00014

Title: "BIOFILM INHIBITING COMPOSITIONS ENHANCING WEIGHT GAIN IN LIVESTOCK"

By: Dlawer Ala'Aldeen, Jafar Mahdavi and Panos Soultanas

Filed: August 11, 2016

ASSIGNMENT

the Patent Cooperation Treaty, the European Patent Convention, and any other treaty relating thereto.

We agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its possessions and territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

We do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application(s) based thereon to said Assignee, its successors and assigns.

We each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

We each individually do hereby authorize said Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filing date(s), and attorney docket number(s), if necessary.

45,229,695

2

AKESO 104 PCT and Utility 095398/00014

Title: "BIOFILM INHIBITING COMPOSITIONS ENHANCING WEIGHT GAIN IN LIVESTOCK"

By: Dlawer Ala'Aldeen, Jafar Mahdavi and Panos Soultanas

Filed: August 11, 2016

ASSIGNMENT

45,229,695

	WITNESS my hand a	nd seal this
		Dlawer Ata Aldeen
	esses:	
1.	Signed: Printed Name:	Dilzon Hama ALI
Silv.	Address:	60 M Road, Erbil-Iraq
2.	Signed:	
	Printed Name:	JANAL HUSSAIN AZIZ
	Address:	201-MAMOSTAYAN
		ERBIL-IRAP

3

AKESO 104 PCT and Utility 095398/00014

Witnesses:

1. Signed: N. Hulme & Printed Name: Nichola Hulme

Address: 14 Maple Drive, Creswell, Walcop, Notts

S80 454.

2. Signed: KR L

Printed Name: Kathyn Beaumont

Address: 5 Stomaray Court, Bearton, Mts

45,229,695

4

AKESO 104 PCT and Utility 095398/00014

Panos Soultanas

Witnesses:

1. Signed: N. Hulme tt

Printed Name: Nichola Hulme

Address: 1H Maple Drive, Creswell Worksop Notts

S80 434

2. Signed: RESTON BEAUTIONT

Address: STORNOWAY COURT, BEESTON NOTTS

NGG IQR

45,229,695

Ľ

AKESO 104 PCT and Utility 095398/00014