PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
JAMES D. CALDWELL	02/27/2017	
BILL L. MILLER	02/27/2017	

RECEIVING PARTY DATA

Name:	PURINA ANIMAL NUTRITION LLC	
Street Address:	4001 LEXINGTON AVENUE N.	
City:	ARDEN HILLS	
State/Country:	MINNESOTA	
Postal Code:	55126	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17165573	

CORRESPONDENCE DATA

Fax Number: (612)340-2868

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: mp.docket.clearing@dorsey.com

Correspondent Name: DORSEY & WHITNEY LLP Address Line 1: 50 SOUTH SIXTH STREET

Address Line 2: **SUITE 1500**

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P262574.US.02_180144_1347	
NAME OF SUBMITTER:	ANGELA M. STASCHKE	
SIGNATURE:	/Angela M. Staschke/	
DATE SIGNED:	02/02/2021	

Total Attachments: 2

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PATENT REEL: 055118 FRAME: 0813 506483395

ASSIGNMENT

Attorney Docket No.: P262574.US.01

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First Named Inventor: James D. Caldwell

Title: Methods of Feeding Animals Phytogenic Products

WHEREAS, we,

James D. Caldwell, a US citizen, residing at 2669 Mill Hill Road, St. Clair, MO 63077, US; and

Bill L. Miller, a US citizen, residing at 121 Cedar Knoll Court, Labadic, MO 63055, US,

have invented certain new and useful improvements as described in an application entitled Methods of Feeding Animals Phytogenic Products for Letters Patent of the United States, the application being identified by the Attorney Docket Number set forth above and/or being identified in the United States Patent and Trademark Office by Application No. 15/397,461, filed January 3, 2017;

WHEREAS, Purina Animal Nutrition LLC, a company organized and existing under the laws of the State of Delaware, and having offices at 1080 County Road F West, Shoreview, Minnesota 55126 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, nonprovisionals, divisionals, continuations, and continuations-in-part, reissues, reexaminations or extensions thereof), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee,

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF M COUNTY OF Franklin

Subscribed and sworn to before me, a Notary Public, this 27 day of February, 2017.

Notary Public

SHARON M. WILSON Notary Public - Notary Seal State of Missouri, Franklin County Commission # 15194243 My Commission Expires May 30, 2019

ASSIGNMENT

Attorney Docket No.: P262574.US.01

Page 2 of 2

First Named Inventor: James D. Caldwell

Title: Methods of Feeding Animals Phytogenic Products

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF MISSOURY)	
COUNTY OF FRANKING	:)	SS.

Subscribed and sworn to before me, a Notary Public, this 27 day of February, 2017.

Shiron	m	Wary
Notary Public		

SHARON M. WILSON Notary Public - Notary Seal State of Missouri, Franklin County Commission # 15194243 My Commission Expires May 30, 2019

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PATENT REEL: 055118 FRAME: 0815

RECORDED: 02/02/2021