

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT6942385

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MATTHEW JOHN CALLAGHAN	08/02/2017
ROBERT JOHN VAN BARNEVELD	07/31/2017

**RECEIVING PARTY DATA**

<b>Name:</b>	PORK CRC LTD
<b>Street Address:</b>	THE UNIVERSITY OF ADELAIDE
<b>Internal Address:</b>	ROSEWORTHY CAMPUS
<b>City:</b>	SOUTH AUSTRALIA
<b>State/Country:</b>	AUSTRALIA

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	17243207

**CORRESPONDENCE DATA**

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<b>ATTORNEY DOCKET NUMBER:</b>	717996: DCT-010USDIV
<b>NAME OF SUBMITTER:</b>	BRIAN C. TRINQUE
<b>SIGNATURE:</b>	/BRIAN C. TRINQUE/
<b>DATE SIGNED:</b>	09/29/2021

**Total Attachments: 6**

source=717996-DCT-010USDIV-1-EXECUTED-ASSIGNMENT-FROM-INVENTORS-TO-PORK-CRC-8-2-2017-7-31-201

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## ASSIGNMENT

WHEREAS, We, **Matthew John Callaghan**, of **Queensland, Australia** and a citizen of **Australia** and **Robert John Van Barneveld**, of **Queensland, Australia** and a citizen of **Australia** have invented a certain new and useful invention, described in the patent applications identified below; and

**Title: Product and Method for Providing Enrichment and Facilitating Expression of Natural Behaviors in Pigs**

**U.S. Serial No.: 15/545,156, filed July 20, 2017**

**Patent Cooperation Treaty No.: PCT/AU2016/050036, filed January 22, 2016**

WHEREAS, **Pork CRC Ltd**, having its principal place of business at **The University of Adelaide, Roseworthy Campus, South Australia, 5371 Australia**, is desirous of acquiring all rights, title and interest in and to said inventions, said applications, and in and to any and all Letters Patents which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Matthew John Callaghan and Robert John Van Barneveld** and have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said **Pork CRC Ltd**, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) the inventions as set forth and described, for example, in the patent application specifications identified above;
- (b) all patent applications identified above;
- (c) any and all patent applications, including Patent Cooperation Treaty (PCT) applications, directed to the inventions as set forth and described, for example, in the patent application specifications identified above;

- (d) any and all refilings, divisions, continuations, and continuations-in-part of those patent applications;
- (e) any and all patents of the United States of America which may issue from any of the above items;
- (f) any and all reissue and reexamination certificates of those patents;
- (g) any and all applications for the inventions filed in any and all countries foreign to the United States of America;
- (h) any and all refilings, divisions, and continuations of those foreign-filed applications;
- (i) any and all patents, certificates, and registrations of countries foreign to the United States of America which may issue from those foreign-filed applications, refilings, divisions, and continuations;
- (j) any and all extensions of, and additions to, the foreign-filed applications and patents, certificates, and registrations related thereto;
- (k) the right to claim priority to any of the foregoing; and
- (l) any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue and to collect damages and other relief from any and all parties.

We, **Matthew John Callaghan and Robert John Van Barneveld**, further agree that we will promptly execute and deliver to **Pork CRC Ltd** or its legal representatives any and all papers, instruments, and affidavits required to apply for, obtain, maintain, issue, and enforce all of the items listed above.

All of the above shall be held and enjoyed by **Pork CRC Ltd** and its successors, legal representatives, and assigns for their own use and benefit, for the full term for which the protections listed above may be granted, and **Matthew John Callaghan and Robert John Van Barneveld** authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign

countries to issue any Patents granted for said inventions, whether on an application for said invention set forth above, or on any subsequently filed provisional, non-provisional, divisional, continuation, continuation-in-part, reissue, or other related application, to **Pork CRC Ltd**, its successors and assigns, as the assignee of their entire interest in said inventions and applications.

**ASSIGNOR:**

**Matthew John Callaghan**

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M. Callaghan                      2<sup>nd</sup> August 2017  
Signature                                      Date:

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

**WITNESS**

Brisbane QLD  
Signed At (City/State)  
Pedro Zimmermann  
Name  
[Signature]  
Signature  
2nd Aug 2017  
Date

**ASSIGNOR:**

Robert John Van Barneveld

Signature

Date:

31 JULY 2017

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

**WITNESS**

Murarric  
Signed At (City/State)

JESTYN THOMAS  
Name

Signature

Date

31/7/17

**ASSIGNEE:**

**Pork CRC Ltd**

RG  
Signature

1/9/2017  
Date:

ROGER CAMPBELL - CEO  
Name and Title:

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

**WITNESS**

Adelaide, South Australia  
Signed At (City/State)

Geoff Crook  
Name

Geoff Crook  
Signature

1/9/2017 [September]  
Date