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## 1. Name of Conveying Party(ies):

Nic C. FRIGGENS

KLAUS LØNNE INGVAARTSEN

INGE RIIS KORSGAARD

TORBEN LARSEN

PETER LØVENDAHL

CARSTEN RIDDER

NICOLAI INGEMANN NIELSEN

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

## 2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: LATTEC I/S

Address: SLANGERUPGADE 69

3400 HILLERØD

Country: DENMARK

Name:

DANMARKS JORDBRUGSFORSKNING

MINISTERIET FOR FØDEVARER

LANDBRUG OG FISKERI

FORSKNINGSCENTER FOULUM

Address:

8830 TJELE

Country:

DENMARK

Additional name(s) and address(es) attached?

☐ Yes☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Verified Translation☐ Security Agreement☐ Other: \_\_\_\_\_Execution Date: Nov. 6, 2003; Nov. 6, 2003; Nov. 7, 2003; Nov. 3, 2003; Nov. 6, 2003; Nov. 3, 2003 and Nov. 3, 2003, respectively.

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is: \_\_\_\_\_

A. Patent Application No(s):10/641,167B. Patent No(s):

Others on additional sheet(s) attached?

☐ Yes☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

STANISLAUS AKSMAN

Intellectual Property Department

Hunton &amp; Williams LLP

1900 K Street, N.W.; Suite 1200

Suite 1200

Washington, DC 20006-1109

(202) 955-1500 (telephone)

(202) 778-2201 (facsimile)

## 6. Total number of applications and patents involved:

Application(s): 1

+ Patent(s): \_\_\_\_\_

= Total: 17. Total Fee (37 C.F.R. § 3.41) . . . . \$ 40.00☒ Enclosed☐ Authorized to be charged to Deposit Account8. Deposit Account No.: 50-0206

(Duplicate copy of this sheet attached)

☒ Charge any underpayment or credit any overpayment to above Deposit Account

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## 9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

STANISLAUS AKSMAN

Name of Person Signing

Signature

12/31/03  
Date

Total number of pages including cover sheet, attachments, and document:

7

01/06/2004 EDOOPER 00000129 10641167

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WASHINGTON 258996v1

PATENT  
REEL: 014849 FRAME: 0069

## Assignment

WHEREAS, WE, the undersigned, **Nic C. FRIGGENS**, a citizen of Great Britain, residing at Søvangen 27, 8830 Tjele, DENMARK; **Klaus Lønne INGVARTSEN**, a citizen of Denmark, residing at Fennebakken 211, 8800 Viborg, DENMARK; **Inge Riis KORSGAARD**, a citizen of Denmark, residing at Saturnvej 44, 8800 Viborg, DENMARK; **Torben LARSEN**, a citizen of Denmark, residing at Fennebakken 255, 8800 Viborg, DENMARK; and **Peter LØVENDAHL**, a citizen of Denmark, residing at Amstrupvej 5, 8860 Ulstrup, DENMARK; **Carsten RIDDER**, a citizen of Denmark, residing at Slotsvej 64, 8543 Hornslet, DENMARK; and **Nicolai Ingemann NIELSEN**, a citizen of Denmark, residing at Asmildklostervej 13 D, 8800 Viborg, DENMARK (hereinafter referred to as the "Assignors"), have made an invention entitled:

### **A SYSTEM AND A METHOD FOR OBSERVING AND PREDICTING A PHYSIOLOGICAL STATE OF AN ANIMAL**

described and/or claimed in:

a patent application for U.S. Patent filed in the U.S. Patent and Trademark Office on August 15, 2003 ("Application") assigned Application No. 10/641,167, which claims priority from U.S. Provisional Patent Application No. 60/403,645, filed on August 16, 2002; and U.S. Provisional Patent Application No. 60/408,286 filed on September 6, 2002,

WHEREAS, **LATTEC I/S**, having a place of business at Slangerupgade 69, 3400 Hillerød, Denmark, and **Danmarks Jordbrugsforskning, Ministeriet for Fødevarer, Landbrug og Fiskeri, Forskningscenter Foulum** having a place of business at 8830 Tjele, Denmark (collectively, the "Assignees") desire to acquire the entire right, title and interest in and to the aforesaid invention, the Application, and any and all improvements and/or modifications to the aforesaid invention and Application, and in and to any and all Letters Patent of the United States or any other country related to the invention, the Application, and/or any and all improvements and/or modifications to the aforesaid

invention and Application, including but not limited to, provisional applications identified above and any other provisional applications, conversions to utility applications, continuations, continuations-in-part, continuing prosecution applications (CPAs), requests for continuing examination (RCEs), reissues, reexaminations, extensions, substitutes, renewals and divisions which may be filed or granted therefor and all rights to claim priority in whole or in part on the basis of the Application;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignors agree to sell, assign and transfer, and hereby do sell, assign and transfer, to Assignees, their successors, legal representatives and assigns, the full and exclusive right in and to the aforesaid invention and/or Application, including any and all improvements and/or modifications to the aforesaid invention and/or Application, and in and to any and all Letters Patent of the United States or any other country related to the invention, the Application, and/or any and all improvements and/or modifications to the aforesaid invention and Application, including, but not limited to, provisional applications, conversions to utility applications, continuations, continuations-in-part, CPAs, RCEs, reissues, reexaminations, extensions, substitutes, renewals and divisions which may be granted therefor and all rights to claim priority in whole or in part on the basis of the Application or any patent application identified herein.

The Assignors hereby covenant for us and our legal representatives, and agree with said Assignees, their successors and assigns, that we have the full right to convey the entire interest herein conveyed and that we have granted no right or license to make,

use, sell or offer to sell said invention, Application, any other applications or properties identified herein, to anyone except said Assignees, that prior to the execution of this deed, our right, title and interest in said invention, Application, or any other applications or properties identified herein had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict with this Assignment.

This Assignment covers all countries of the world and the Assignees are hereby entitled to file applications in any country at their discretion and to abstain from seeking patent protection in any and all countries, if they so desire.

This Assignment also includes our right to claim priority under the Paris Convention or any other multilateral or bilateral treaties.

The Assignors hereby covenant and agree, on their own behalf and on behalf of their successors and assigns, to execute any additional assignments and other documents required in connection with the prosecution of the Application or patent applications as well as to perform any additional acts necessary to enable the Assignees or their successors, legal representatives and assigns, to enjoy the full rights of this Assignment, including applying for a patent for the invention in the United States of America or in any other country of the world, and assigning the Application or any other applications of any other country of the world and any patent or patents issuing thereon to the said Assignees or their successors, legal representatives and assigns.

The Assignors hereby agree on their own behalf and on behalf of their successors and assigns, without further compensation, to promptly at any time, upon the request of the Assignees, their successors and assigns, fully cooperate with the Assignees with respect to all matters regarding this Assignment in the United States of America or any other country, including without limitation, communicate to Assignees or their representatives any facts known to the Assignors respecting the invention, to execute all provisional, divisional, continuation, continuation-in-part, CPAs, RCEs, reissue, reexamination, extension, substitute, renewal, and any other patent applications for any and all countries of the world, sign all lawful documents and make all rightful oaths and declarations relating to the invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in the Assignees, their successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the Assignees to obtain, maintain and enforce such Letters Patent in the United States or any country of the world when requested so to do by the Assignees.

The Assignors hereby authorize and request my agents, Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109, or an authorized Assignees' employee to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of any patent application or patent when known.

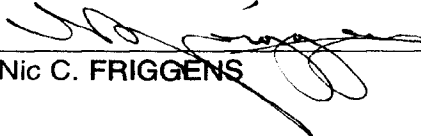
The Assignors do hereby authorize and request the Director of the United States Patent and Trademark Office and/or appropriate officials of any country to issue any and all

Letters Patent which may be granted upon said United States application(s) or upon any other patent application filed in any country of the world, or upon said improvements and/or modifications or any parts thereof when granted, to said Assignee.

Place and date:

Foulum 06/11/03

Assignor:

  
Nic C. FRIGGENS

Place and date:

6/11 02

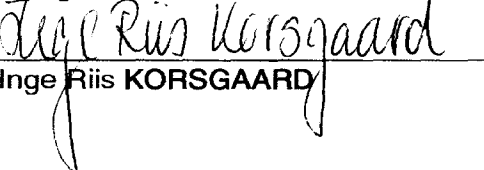
Assignor:

  
Klaus Lønne INGVAERTSEN

Place and date:

Foulum, 7/11 2003

Assignor:

  
Inge Riis KORSGAARD

Place and date:

Foulum, 3/11.03

Assignor:

  
Torben LARSEN

Place and date:

Foulum 6/11.03

Assignor:

  
Peter LØVENDAHL

Place and date:

FOULUM, 3/11-2003

Assignor:

  
Carsten RIDDER

Place and date:

Foulum, 3/11-2003

Assignor:

  
Nicolai Ingemann NIELSEN

Place and date:

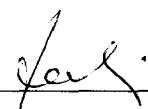
Millevad, 1/2-2004

Assignee: Lattec I/S

LATTEC I/S

By:

Title:

  
GENERAL MANAGER

Place and date:

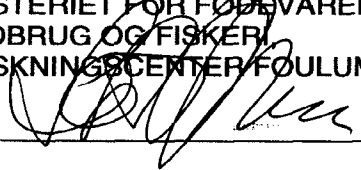
Foulum, Nov. 27 '03

Assignee:

DANMARKS JORDBRUGSFORSKNING,  
MINISTERIET FOR FØDEVARER,  
LANDBRUG OG FISKERI,  
FORSKNINGSCENTER FOULUM

By:

Title:

  
Vicedirektør Søren A. Mikkelsen  
Danmarks JordbrugsForskning  
Forskningscenter Foulum  
Postboks 50, 8830 Tjele