

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3903098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMAS AXELSSON	12/09/2013
NILS-ERIK HOLMERTZ	12/09/2013
HELMUT OBERMULLER	12/09/2013
RECEIVING PARTY DATA	
Name:	DELAVAL HOLDING AB
Street Address:	P.O. BOX 39
City:	TUMBA
State/Country:	SWEDEN
Postal Code:	SE-147 21
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15101934
CORRESPONDENCE DATA	
Fax Number:	(703)685-0573
<i>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.</i>	
Phone:	7035212297
Email:	agoode@young-thompson.com
Correspondent Name:	YOUNG & THOMPSON
Address Line 1:	209 MADISON ST., SUITE 500
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	1550-1221
NAME OF SUBMITTER:	BENOIT CASTEL
SIGNATURE:	/Benoit Castel/
DATE SIGNED:	06/06/2016
Total Attachments: 3	
source=COMBINED_DECL_AND_ASSMT#page1.tif	
source=COMBINED_DECL_AND_ASSMT#page2.tif	
source=COMBINED_DECL_AND_ASSMT#page3.tif	

ASSIGNMENT AND INVENTOR'S DECLARATION

Reference is made to the following patent application (hereinafter the "Application") and the invention specified therein (the "Invention") of the undersigned (the "Assignor"):

Inventor(s): **Thomas Axelsson, Nils-Erik Holmertz, Helmut Obermüller**

Entitled: **TIME-OF-FLIGHT CAMERA SYSTEM, ROBOT MILKING SYSTEM COMPRISING A TIME-OF-FLIGHT CAMERA SYSTEM AND METHOD OF OPERATING A TIME-OF-FLIGHT CAMERA SYSTEM**

Filed in **Sweden** on **5 December 2013** with the Application No. **1351453-4**.

I, the Assignor, whose address for these purposes is *c/o DeLaval International, P.O. Box 39, SE-14721 Tumba, Sweden*, hereby declare as an above-named inventor of the above-identified Invention, that the Application was made or authorized to be made by me, and that I believe I am the original inventor or an original joint inventor of a claimed invention in the Application. I hereby acknowledge that any willful false statement made in this Assignment and Inventor's Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the Application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37 CFR §1.56.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Assignor, hereby sell, assign and transfer to DeLaval Holding AB, a Swedish company with the corporate registration number 556258-6981 (the "Assignee") and its successors, to the maximum extent permitted under applicable mandatory law, the full and exclusive right to the Invention, including without limitation all rights to patents and patent applications in all countries, the right to use any convention priority of patent applications relating, wholly or partly, to the Invention, as well as any other intellectual property rights relating to the Invention, including any right to bring or maintain an action for infringement, to the full end of the term for which said patents may be granted and enforceable, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. I hereby request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the Invention in the U.S. to the Assignee, its successors and assigns.

The Assignee hereinafter has the sole and entire right of disposal of the Invention and possesses the entire ownership to any domestic and foreign patents granted deriving from or relating wholly or partly to the Invention.

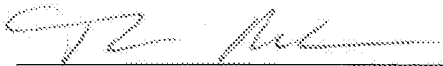
The Assignor undertakes to sign all documents and do all reasonable actions deemed necessary by the Assignee to perfect the Assignee's title to the Invention and assert the rights hereby assigned by the Assignor.

The Assignor hereby authorizes, to the maximum extent permitted under applicable law, the from time to time authorized signatories of the Assignee to on behalf of the Assignor or, in the event of the death of the Assignor, on behalf of the estate of the Assignor, undertake all actions and sign all documents referred to above and as otherwise deemed necessary by the representatives of the Assignee so authorized, to preserve the rights of the Assignee granted by virtue of this Assignment and Inventor's Declaration. The Assignee may use this Assignment and Inventor's Declaration as a Power of Attorney.


This Assignment and Inventor's Declaration shall be governed by the laws of Sweden, without giving effect to the choice of law principles thereof.

Tumba 9/12-2013

Place and date


Signature of the Assignor, Thomas Axelsson

The true signature of the Assignor is hereby witnessed:


Signature of witness

Kenneth Lindblad

ASSIGNMENT AND INVENTOR'S DECLARATION

Reference is made to the following patent application (hereinafter the "Application") and the invention specified therein (the "Invention") of the undersigned (the "Assignor"):

Inventor(s): **Thomas Axelsson, Nils-Erik Holmertz, Helmut Obermüller**

Entitled: **TIME-OF-FLIGHT CAMERA SYSTEM, ROBOT MILKING SYSTEM COMPRISING A TIME-OF-FLIGHT CAMERA SYSTEM AND METHOD OF OPERATING A TIME-OF-FLIGHT CAMERA SYSTEM**

Filed in **Sweden** on **5 December 2013** with the Application No. **1351453-4**.

I, the Assignor, whose address for these purposes is *c/o DeLaval International, P.O. Box 39, SE-14721 Tumba, Sweden*, hereby declare as an above-named inventor of the above-identified invention, that the Application was made or authorized to be made by me, and that I believe I am the original inventor or an original joint inventor of a claimed invention in the Application. I hereby acknowledge that any willful false statement made in this Assignment and Inventor's Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the Application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37 CFR §1.56.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Assignor, hereby sell, assign and transfer to DeLaval Holding AB, a Swedish company with the corporate registration number 556258-6981 (the "Assignee") and its successors, to the maximum extent permitted under applicable mandatory law, the full and exclusive right to the Invention, including without limitation all rights to patents and patent applications in all countries, the right to use any convention priority of patent applications relating, wholly or partly, to the Invention, as well as any other intellectual property rights relating to the Invention, including any right to bring or maintain an action for infringement, to the full end of the term for which said patents may be granted and enforceable, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. I hereby request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the Invention in the U.S. to the Assignee, its successors and assigns.

The Assignee hereinafter has the sole and entire right of disposal of the Invention and possesses the entire ownership to any domestic and foreign patents granted deriving from or relating wholly or partly to the Invention.

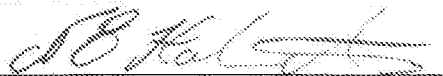
The Assignor undertakes to sign all documents and do all reasonable actions deemed necessary by the Assignee to perfect the Assignee's title to the Invention and assert the rights hereby assigned by the Assignor.

The Assignor hereby authorizes, to the maximum extent permitted under applicable law, the from time to time authorized signatories of the Assignee to on behalf of the Assignor or, in the event of the death of the Assignor, on behalf of the estate of the Assignor, undertake all actions and sign all documents referred to above and as otherwise deemed necessary by the representatives of the Assignee so authorized, to preserve the rights of the Assignee granted by virtue of this Assignment and Inventor's Declaration. The Assignee may use this Assignment and Inventor's Declaration as a Power of Attorney.

This Assignment and Inventor's Declaration shall be governed by the laws of Sweden, without giving effect to the choice of law principles thereof.

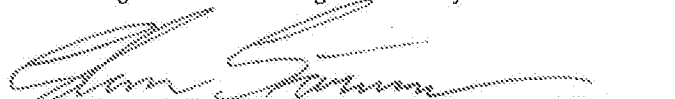
Tumba 9/12-2013

Place and date



Signature of the Assignor, Nils-Erik Holmertz

The true signature of the Assignor is hereby witnessed:



Signature of witness

Glenn Sorman

ASSIGNMENT AND INVENTOR'S DECLARATION

Reference is made to the following patent application (hereinafter the "Application") and the invention specified therein (the "Invention") of the undersigned (the "Assignor"):

Inventor(s): **Thomas Axelsson, Nils-Erik Holmertz, Helmut Obermüller**

Entitled: **TIME-OF-FLIGHT CAMERA SYSTEM, ROBOT MILKING SYSTEM COMPRISING A TIME-OF-FLIGHT CAMERA SYSTEM AND METHOD OF OPERATING A TIME-OF-FLIGHT CAMERA SYSTEM**

Filed in **Sweden** on **5 December 2013** with the Application No. **1351453-4**.

I, the Assignor, whose address for these purposes is *c/o DeLaval International, P.O. Box 39, SE-14721 Tumba, Sweden*, hereby declare as an above-named inventor of the above-identified Invention, that the Application was made or authorized to be made by me, and that I believe I am the original inventor or an original joint inventor of a claimed invention in the Application. I hereby acknowledge that any willful false statement made in this Assignment and Inventor's Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the Application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37 CFR §1.56.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Assignor, hereby sell, assign and transfer to DeLaval Holding AB, a Swedish company with the corporate registration number 556258-6981 (the "Assignee") and its successors, to the maximum extent permitted under applicable mandatory law, the full and exclusive right to the Invention, including without limitation all rights to patents and patent applications in all countries, the right to use any convention priority of patent applications relating, wholly or partly, to the Invention, as well as any other intellectual property rights relating to the Invention, including any right to bring or maintain an action for infringement, to the full end of the term for which said patents may be granted and enforceable, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made. I hereby request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the Invention in the U.S. to the Assignee, its successors and assigns.

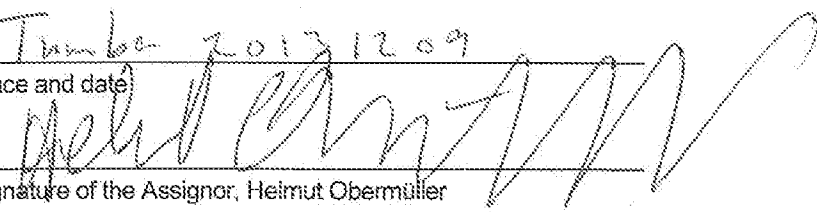
The Assignee hereinafter has the sole and entire right of disposal of the Invention and possesses the entire ownership to any domestic and foreign patents granted deriving from or relating wholly or partly to the Invention.

The Assignor undertakes to sign all documents and do all reasonable actions deemed necessary by the Assignee to perfect the Assignee's title to the Invention and assert the rights hereby assigned by the Assignor.

The Assignor hereby authorizes, to the maximum extent permitted under applicable law, the from time to time authorized signatories of the Assignee to on behalf of the Assignor or, in the event of the death of the Assignor, on behalf of the estate of the Assignor, undertake all actions and sign all documents referred to above and as otherwise deemed necessary by the representatives of the Assignee so authorized, to preserve the rights of the Assignee granted by virtue of this Assignment and Inventor's Declaration. The Assignee may use this Assignment and Inventor's Declaration as a Power of Attorney.

This Assignment and Inventor's Declaration shall be governed by the laws of Sweden, without giving effect to the choice of law principles thereof.

Tumba 2013 12 09
Place and date


Signature of the Assignor, Helmut Obermüller

The true signature of the Assignor is hereby witnessed;


Signature of witness

KONRAD LINDBLAD

PATENT