

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7174676

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMANDA THUY TRAN	10/26/2016
ANDERS AXELSSON	10/24/2016
CECILIA ANN-CHRISTIN MALMBORG HAGER	10/26/2016
KJELL SJÖSTRÖM	10/25/2016
SVEN-ERIK STRAND	11/25/2016
URPO LAMMINMÄKI	10/25/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FREDAX AB
<b>Street Address:</b>	HANS JONAS VAG 2
<b>City:</b>	BJARRED
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	237 37
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15761260
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)563-4044
<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>	
<b>Phone:</b>	(215) 563-4100
<b>Email:</b>	docketclerk@ddhs.com
<b>Correspondent Name:</b>	ROBERT C. NETTER, JR., PH.D., J.D.
<b>Address Line 1:</b>	DANN, DORFMAN, HERRELL & SKILLMAN
<b>Address Line 2:</b>	1601 MARKET STREET, SUITE 2400
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103
<b>ATTORNEY DOCKET NUMBER:</b>	0046-P06568US00
<b>NAME OF SUBMITTER:</b>	ROBERT C. NETTER, JR
<b>SIGNATURE:</b>	/ROBERT C. NETTER, JR/
<b>DATE SIGNED:</b>	02/14/2022

**Total Attachments: 12**

source=AssignmentandDeclaration\_Axelsson#page1.tif  
source=AssignmentandDeclaration\_Axelsson#page2.tif  
source=AssignmentandDeclaration\_MalmborgHager#page1.tif  
source=AssignmentandDeclaration\_MalmborgHager#page2.tif  
source=AssignmentandDeclaration\_LAMMINMAKI#page1.tif  
source=AssignmentandDeclaration\_LAMMINMAKI#page2.tif  
source=AssignmentandDeclaration\_Strand#page1.tif  
source=AssignmentandDeclaration\_Strand#page2.tif  
source=AssignmentandDeclaration\_SJOSTROM#page1.tif  
source=AssignmentandDeclaration\_SJOSTROM#page2.tif  
source=AssignmentandDeclaration\_Tran#page1.tif  
source=AssignmentandDeclaration\_Tran#page2.tif

## INVENTOR'S DECLARATION AND ASSIGNMENT

As the inventor named below, I declare as follows.

I am the original inventor or the original joint inventor of a claimed invention (the "Invention") in the application for which this declaration is being submitted (the "Application"). The Application was made or was authorized to be made by me. The Application was filed as an International Patent Application which designated the United States of America and is identified as follows:

Title: ANTIBODY POLYPEPTIDES AND USES THEREOF

International Patent  
Application Number: PCT/EP2016/073684  
International Filing Date: 04 OCTOBER 2016  
Attorney Docket Number:

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

For Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I assign to FREDAX AB, a corporation organized under the laws of Sweden and having an address of Hans Jonas väg 2, 237 37 Bjärred, Sweden ("Assignee"), all right, title and interest throughout the world in and to the Invention, and in and to any other invention disclosed in the Application, and all right, title and interest in and to the Application, and to all patents which may be granted for any and all of the foregoing inventions, and to any application, patent, utility model, design patent or registered design which claims the benefit of the Application's filing date, including all divisions, continuations, continuations-in-part and foreign and international counterparts. I also assign to Assignee all rights to apply for any and all patents, utility models, design patents and registered designs, in Assignee's own name, anywhere in the world, on any and all of the foregoing inventions. I will communicate to Assignee any facts known to me respecting any improvements, and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part and reissue applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for any of the foregoing inventions in all countries.

*aa*

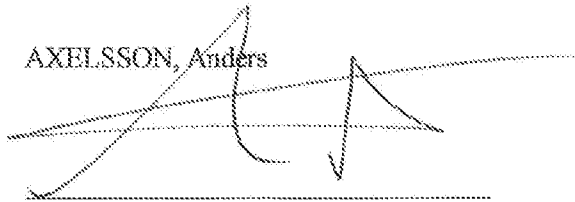
This Declaration and Assignment shall be binding on the parties' successors, assigns and legal representatives.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, (18 U.S.C. § 1001) and may jeopardize the validity of the Application or any patent issuing thereon.

Full Name of Inventor:

AXELSSON, Anders

Inventor's signature:

A handwritten signature in black ink, appearing to be 'Axelsson', written over a horizontal dotted line.

Date of Signature:

Oct 24, 2016

## INVENTOR'S DECLARATION AND ASSIGNMENT

As the inventor named below, I declare as follows.

I am the original inventor or the original joint inventor of a claimed invention (the "Invention") in the application for which this declaration is being submitted (the "Application"). The Application was made or was authorized to be made by me. The Application was filed as an International Patent Application which designated the United States of America and is identified as follows:

Title: ANTIBODY POLYPEPTIDES AND USES THEREOF

International Patent  
Application Number: PCT/EP2016/073684  
International Filing Date: 04 OCTOBER 2016  
Attorney Docket Number:

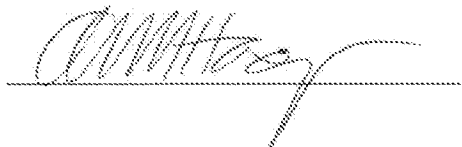
I have reviewed and understand the contents of the Application, including the claims, and I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.

For Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I assign to FREDAX AB, a corporation organized under the laws of Sweden and having an address of Hans Jonas väg 2, 237 37 Bjärred, Sweden ("Assignee"), all right, title and interest throughout the world in and to the Invention, and in and to any other invention disclosed in the Application, and all right, title and interest in and to the Application, and to all patents which may be granted for any and all of the foregoing inventions, and to any application, patent, utility model, design patent or registered design which claims the benefit of the Application's filing date, including all divisions, continuations, continuations-in-part and foreign and international counterparts. I also assign to Assignee all rights to apply for any and all patents, utility models, design patents and registered designs, in Assignee's own name, anywhere in the world, on any and all of the foregoing inventions. I will communicate to Assignee any facts known to me respecting any improvements, and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part and reissue applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for any of the foregoing inventions in all countries.

This Declaration and Assignment shall be binding on the parties' successors, assigns and legal representatives.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, (18 U.S.C. § 1001) and may jeopardize the validity of the Application or any patent issuing thereon.

Full Name of Inventor: MALMBORG HAGER, Cecilia Ann-Christin

Inventor's signature: 

Date of Signature: 2016-10-26

## INVENTOR'S DECLARATION AND ASSIGNMENT

As the inventor named below, I declare as follows.

I am the original inventor or the original joint inventor of a claimed invention (the "Invention") in the application for which this declaration is being submitted (the "Application"). The Application was made or was authorized to be made by me. The Application was filed as an International Patent Application which designated the United States of America and is identified as follows:

Title: ANTIBODY POLYPEPTIDES AND USES THEREOF

International Patent  
Application Number: PCT/EP2016/073684  
International Filing Date: 04 OCTOBER 2016  
Attorney Docket Number:

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

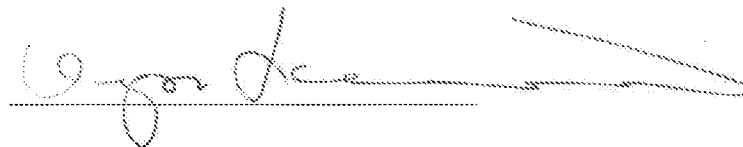
For Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I assign to FREDAX AB, a corporation organized under the laws of Sweden and having an address of Hans Jonas väg 2, 237 37 Bjärred, Sweden ("Assignee"), all right, title and interest throughout the world in and to the Invention, and in and to any other invention disclosed in the Application, and all right, title and interest in and to the Application, and to all patents which may be granted for any and all of the foregoing inventions, and to any application, patent, utility model, design patent or registered design which claims the benefit of the Application's filing date, including all divisions, continuations, continuations-in-part and foreign and international counterparts. I also assign to Assignee all rights to apply for any and all patents, utility models, design patents and registered designs, in Assignee's own name, anywhere in the world, on any and all of the foregoing inventions. I will communicate to Assignee any facts known to me respecting any improvements, and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part and reissue applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for any of the foregoing inventions in all countries.

This Declaration and Assignment shall be binding on the parties' successors, assigns and legal representatives.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, (18 U.S.C. § 1001) and may jeopardize the validity of the Application or any patent issuing thereon.

Full Name of Inventor: LAMMINMÄKI, Urpo

Inventor's signature:



Date of Signature:

October, 25<sup>th</sup>, 2016



## INVENTOR'S DECLARATION AND ASSIGNMENT

As the inventor named below, I declare as follows.

I am the original inventor or the original joint inventor of a claimed invention (the "Invention") in the application for which this declaration is being submitted (the "Application"). The Application was made or was authorized to be made by me. The Application was filed as an International Patent Application which designated the United States of America and is identified as follows:

Title: ANTIBODY POLYPEPTIDES AND USES THEREOF

International Patent  
Application Number: PCT/EP2016/073684  
International Filing Date: 04 OCTOBER 2016  
Attorney Docket Number:

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

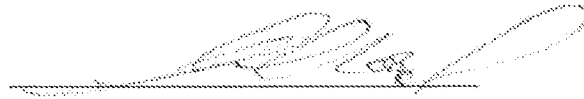
For Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I assign to FREDAX AB, a corporation organized under the laws of Sweden and having an address of Hans Jonas väg 2, 237 37 Bjärred, Sweden ("Assignee"), all right, title and interest throughout the world in and to the Invention, and in and to any other invention disclosed in the Application, and all right, title and interest in and to the Application, and to all patents which may be granted for any and all of the foregoing inventions, and to any application, patent, utility model, design patent or registered design which claims the benefit of the Application's filing date, including all divisions, continuations, continuations-in-part and foreign and international counterparts. I also assign to Assignee all rights to apply for any and all patents, utility models, design patents and registered designs, in Assignee's own name, anywhere in the world, on any and all of the foregoing inventions. I will communicate to Assignee any facts known to me respecting any improvements, and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part and reissue applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for any of the foregoing inventions in all countries.

This Declaration and Assignment shall be binding on the parties' successors, assigns and legal representatives.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, (18 U.S.C. § 1001) and may jeopardize the validity of the Application or any patent issuing thereon.

Full Name of Inventor: STRAND, Sven-Erik

Inventor's signature:



Date of Signature:

2016-11-25

## INVENTOR'S DECLARATION AND ASSIGNMENT

As the inventor named below, I declare as follows.

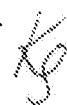
I am the original inventor or the original joint inventor of a claimed invention (the "Invention") in the application for which this declaration is being submitted (the "Application"). The Application was made or was authorized to be made by me. The Application was filed as an International Patent Application which designated the United States of America and is identified as follows:

Title: ANTIBODY POLYPEPTIDES AND USES THEREOF

International Patent  
Application Number: PCT/EP2016/073684  
International Filing Date: 04 OCTOBER 2016  
Attorney Docket Number:

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

For Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I assign to FREDAX AB, a corporation organized under the laws of Sweden and having an address of Hans Jonas väg 2, 237 37 Bjärred, Sweden ("Assignee"), all right, title and interest throughout the world in and to the Invention, and in and to any other invention disclosed in the Application, and all right, title and interest in and to the Application, and to all patents which may be granted for any and all of the foregoing inventions, and to any application, patent, utility model, design patent or registered design which claims the benefit of the Application's filing date, including all divisions, continuations, continuations-in-part and foreign and international counterparts. I also assign to Assignee all rights to apply for any and all patents, utility models, design patents and registered designs, in Assignee's own name, anywhere in the world, on any and all of the foregoing inventions. I will communicate to Assignee any facts known to me respecting any improvements, and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part and reissue applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for any of the foregoing inventions in all countries.



Inventor's Declaration and Assignment

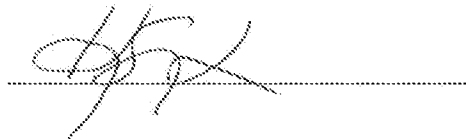
Attorney Docket No.

This Declaration and Assignment shall be binding on the parties' successors, assigns and legal representatives.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, (18 U.S.C. § 1001) and may jeopardize the validity of the Application or any patent issuing thereon.

Full Name of Inventor: SJÖSTRÖM, Kjell

Inventor's signature:



Date of Signature:

25 October, 2016

## INVENTOR'S DECLARATION AND ASSIGNMENT

As the inventor named below, I declare as follows.

I am the original inventor or the original joint inventor of a claimed invention (the "Invention") in the application for which this declaration is being submitted (the "Application"). The Application was made or was authorized to be made by me. The Application was filed as an International Patent Application which designated the United States of America and is identified as follows:

Title: ANTIBODY POLYPEPTIDES AND USES THEREOF

International Patent  
Application Number: PCT/EP2016/073684  
International Filing Date: 04 OCTOBER 2016  
Attorney Docket Number:

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

For Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I assign to FREDAX AB, a corporation organized under the laws of Sweden and having an address of Hans Jonas väg 2, 237 37 Bjärred, Sweden ("Assignee"), all right, title and interest throughout the world in and to the Invention, and in and to any other invention disclosed in the Application, and all right, title and interest in and to the Application, and to all patents which may be granted for any and all of the foregoing inventions, and to any application, patent, utility model, design patent or registered design which claims the benefit of the Application's filing date, including all divisions, continuations, continuations-in-part and foreign and international counterparts. I also assign to Assignee all rights to apply for any and all patents, utility models, design patents and registered designs, in Assignee's own name, anywhere in the world, on any and all of the foregoing inventions. I will communicate to Assignee any facts known to me respecting any improvements, and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part and reissue applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for any of the foregoing inventions in all countries.

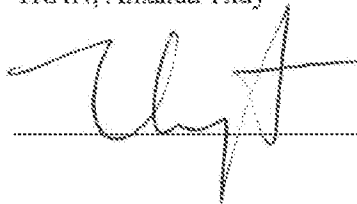
EE  
2016-10-26

This Declaration and Assignment shall be binding on the parties' successors, assigns and legal representatives.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, (18 U.S.C. § 1001) and may jeopardize the validity of the Application or any patent issuing thereon.

Full Name of Inventor: TRAN, Amanda Thuy

Inventor's signature:

A handwritten signature in black ink, appearing to read 'A. Tran', written over a horizontal dotted line.

Date of Signature:

2016-10-24