504520837 08/25/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI NAGASHIMA	06/29/2017
HITOMI MATSUNARI	06/29/2017
MASAHITO WATANABE	06/29/2017

RECEIVING PARTY DATA

Name:	CHIMAERA CORPORATION	
Street Address:	10-2-2505, HIGASHI-SHINBASHI 1-CHOME	
Internal Address:	MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	105-0021	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15553934

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

Phone: (703) 413-3000

Email: lgoodtree@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	506827US
NAME OF SUBMITTER:	LAURYN GOODTREE
SIGNATURE:	/lauryn goodtree/
DATE SIGNED:	08/25/2017

Total Attachments: 3

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PATENT 504520837 REEL: 043407 FRAME: 0934

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of DISEASE MODEL PIG EXHIBITING STABLE PHENOTYPE, AND PRODUCTION METHOD THEREOF
As the below named inventor, I hereby declare that:
This declaration [] The attached application, or
is directed to: United States application or PCT international application number PCT/JP2016/056865 filed on March 4, 2016
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, ChimaERA Corporation
(hereinafter referred to as "ASSIGNEE") having places of business at: 10-2-2505. Higashi-shimbashi 1-chome. Minato-ku, Tokyo 1050021, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Hiroshi NAGASHIMA Date: June 29, 2017 Signature: Lineli Vagaelin

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 043407 FRAME: 0935

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Little of Invention	PRODUCTION METHOD THER	EOF	
As the below name	d inventor, I hereby declare that:		
This declaration	The attached application, or		
is directed to:	United States application or PCT intert filed on March 4, 2016	national application number PCT/JP2016/05686	<u> </u>
The above-identific	ed application was made or authorized to	be made by me.	
I believe that I am	the original inventor or an original joint is	nventor of a cisimed invention in the application.	
(hereinafter referre Minato-ku, Tokyo	1050021, Japan, is desirous of acquiring Letters Patent that may be granted therefor	of business at: 10-2-2505, Higashi-shinbashi 1 the entire right, title and interest in and to said is one in the United States and its territorial possess:	avention
acknowledged, and said ASSIGNEE, thand in all foreign of other relevant inter- interest in and to	I for other good and valuable considerations the full and exclusive right to the said invitountries (including the right to claim print at the functional Treaties and Arrangements from any and all Letters Patent which may be any and all foreign countries and in	FIVE DOLLARS (\$5.00), the receipt whereof is ion, I, by these presents do sell, assign and transvention in the United States and its territorial posority under the terms of the International Conven in the aforesaid application) and the entire right, a granted therefor in the United States and its to and to any and all divisions, reissues, continuations.	ster unto sessions ution and title and erritorial
any and all foreign assignee of my ent (his) successors an	n countries to issue any and all of said live right, title and interest in and to the s	ils in the United States and its territorial possess. Letters Patent, when granted, to said ASSIGNE tame, for the sole use and behoof of said ASSIG which said Letters Patent may be granted, as fasignment and sale not been made.	E as the NEE, its
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.			
	viedge that any willful false statement ma iment of not more than five (5) years, or b	ade in this declaration is punishable under 18 U.S both.	.C. 1001
LEGAL NAME O	FINVENTOR		
Inventor: Hitomi	MATSUNARI	Date: June 29, 2017	
Signature:	V. Mexicon		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 043407 FRAME: 0936

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	DISEASE MODEL PIG EXHIBITIN PRODUCTION METHOD THEREC	
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT internatifiled on March 4, 2016	ional application number PCT/JP2016/056865
The above-identific	ed application was made or authorized to be	made by me.
I believe that I am	he original inventor or an original joint inve	entor of a claimed invention in the application.
(hereinafter referre Minato-ku, Tokyo	1050021, Japan is desirous of acquiring the etters Patent that may be granted therefore	business at: 10-2-2505. Higashi-shinbashi 1-chome, the entire right, title and interest in and to said invention in the United States and its territorial possessions and
acknowledged, and said ASSIGNEE, than din all foreign of other relevant inter- interest in and to a	i for other good and valuable consideration he full and exclusive right to the said inven- ountries (including the right to claim priorit national Treaties and Arrangements from the my and all Letters Patent which may be go any and all foreign countries and in an	TE DOLLARS (\$5.00), the receipt whereof is hereby it, I. by these presents do sell, assign and transfer unto ition in the United States and its territorial possessions by under the terms of the International Convention and the aforesaid application) and the entire right, title and granted therefor in the United States and its territorial and to any and all divisions, reissues, continuations,
any and all foreign assignce of my ent (his) successors an	countries to issue any and all of said Let ire right, title and interest in and to the sam	in the United States and its territorial possessions and tters Patent, when granted, to said ASSIGNEE as the ne, for the sole use and behoof of said ASSIGNEE, its which said Letters Patent may be granted, as fully and gnment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid said	vention, and testify in any legal proceed itute, renewal and reissue applications, exec Patent to be issued to said ASSIGNEE, r	EE or its (his) representatives any facts known to me ding, sign all lawful papers, execute all divisional, cute all necessary assignment papers to cause any and make all rightful oaths, and, generally do everything igns, to obtain and enforce proper protection for said d in any and all foreign countries.
	dedge that any willful false statement made ment of not more than five (5) years, or both	in this declaration is punishable under 18 U.S.C. 1001 h.
LEGAL NAME OF	INVENTOR	
Inventor: <u>Masahi</u>	to WATANABÉ	Date: June 29, 2017
Signature: 777.22.	salitte Watersalve	

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PATENT REEL: 043407 FRAME: 0937

RECORDED: 08/25/2017