PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4017344

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FABIENNE GUEHENNEUX	10/22/2009
KARINE MOREAU	10/22/2009
MAGALI ESNAULT	10/22/2009
MAJID MEHTALI	10/22/2009

RECEIVING PARTY DATA

Name:	VIVALIS SA	
Street Address:	LIEUDIT LA CORBIERE	
City:	ROUSSAY	
State/Country:	FRANCE	
Postal Code:	49450	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15013079	

CORRESPONDENCE DATA

Fax Number:

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: 617.646.8000

Email: janet.oconnor@wolfgreenfield.com

Correspondent Name: WOLF GREENFIELD
Address Line 1: 600 ATLANTIC AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	I0422.70113US02
NAME OF SUBMITTER:	JOHN R. VAN AMSTERDAM
SIGNATURE:	/John R. Van Amsterdam/
DATE SIGNED:	08/22/2016

Total Attachments: 2

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PATENT 503970688 REEL: 039498 FRAME: 0882

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by

1. Fabienne GUEHENNEUX; 2. Karine MOREAU; 3. Magali ESNAULT and 4. Majid MEHTALI,

residing at

1:4, rue de la Close du Ruaud, 44360 LE TEMPLE DE BRETAGNE – FRANCE.
2: 1 rue Richelieu, 44110 NANTES – FRANCE; 3:31 rue Kerivel, 44610

BASSE-INDRE – FRANCE and 4: LE MORTIER, 44220 COUERON – FRANCE (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in DUCK EMBRYONIC DERIVED

States, which is a

(1)	(a) (b)	provisional application bearing Application No. , and filed on ; to be filed herewith; or
(2)	⊠ (a)	non-provisional application bearing Application No. 12/597, 486 , and filed on 10/23/2009
	(b)	having an oath or declaration executed on even date herewith prior to filing of application;
	(c)	having an oath or declaration executed on a different date than this

WHEREAS **VIVALIS** having a principal place of business at <u>Lieudit la Corbière</u>, <u>49450 ROUSSAY - FRANCE</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including

provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to Issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 6 dro ber 22 , 2009	Fabienne GUEHENNEUX
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DATE October 22nd 2009	
	Karine MOREAU
DATE Ochober 22nd 2009	×1.
	Magali ESNAULT
DATE October 22nd 2009	A
	Majid MEHTAŲI