PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MERITXELL HUCH ORTEGA	06/25/2014
JOHANNES CAROLUS CLEVERS	06/18/2014

RECEIVING PARTY DATA

Name:	KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN
Street Address:	C/O HUBRECHT INSTITUTE
Internal Address:	UPPSALALAAN 8
City:	UTRECHT
State/Country:	NETHERLANDS
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13812614

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: patents_maryannet@wolfgreenfield.com **Correspondent Name:** WOLF, GREENFIELD & SACKS, P.C.

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ATTORNEY DOCKET NUMBER:	C0973.70003US02
NAME OF SUBMITTER:	NICOLE MILLETTE LAPOMARDO
SIGNATURE:	/NICOLE MILLETTE LAPOMARDO/
DATE SIGNED:	07/16/2014

Total Attachments: 2

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PATENT 502895239 REEL: 033328 FRAME: 0719

ASSIGNMENT

THIS ASSIGNMENT, by Meritxell HUCH ORTEGA, having a mailing address of Hubrecht Institute, Uppsalalaan 8, Utrecht, 3584 CT, The Netherlands; and Johannes Carolus CLEVERS, having a mailing address of Hubrecht Institute, Uppsalalaan 8, Utrecht, 3584 CT, The Netherlands (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in LIVER ORGANOID, USES THEREOF AND CULTURE METHOD FOR OBTAINING THEM, set forth in an application for Letters Patent of the United States, bearing Application No. 13/812,614 and filed on 28th January 2013 (hereinafter referred to as the Application); and

WHEREAS, KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, an organisation duly organized under and pursuant to the laws of The Netherlands and having its principal place of business at Kloveniersburgwal 29, 1011JV, Amsterdam, The Netherlands, and a mailing address at c/o Hubrecht Institute, Uppsalalaan 8, Utrecht, 3584 CT, The Netherlands (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said Application, the inventions disclosed therein and all developments or improvements of the said inventions heretofore or hereafter conceived, made or discovered by any of the assignors, whether jointly or severally and whether with any other inventors not named herein (hereafter collectively referred to as Inventions), and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor or thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned Inventions and Application and any other applications to which the Application claims priority (hereinafter referred to as Priority Applications), and in and to any other applications relating to any of the Inventions anywhere in the world, and in and to all Letters Patent or Patents in the United States and all foreign countries which may be granted therefor or thereon including the right to file applications for any of the same (including under any International Conventions, the Patent Cooperation Treaty or otherwise) in relation to any of said Inventions, and in and to any and all divisions, continuations and continuations-in-part of said Application or of any other said applications, and in and to reissues or extensions or supplementary protection certificates of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property including the right to claim Priority from said Application and/or from any Priority Applications, and the right for the assignee to sue in its own name and recover damages and all other relief in respect of any infringement (including past, present or future) of any Letters Patent or Patents, United States or foreign, including any infringement (including past, present or future) of any rights conferred by publication of any patent applications, United States or foreign, on said Inventions, the same to be held and enjoyed by said assignee, for its own use and the use 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.

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AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said Inventions and said Application, and that the same are unencumbered and that said 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, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said Inventions, or said Application, or any proceeding in connection with Letters Patent or Patents for any of said Inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation in-part of any application for Letters Patent or Patents or any reissue or extension or supplementary protection certificates of or relating to 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 defence of Letters Patent or Patents for said Inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request all relevant Patent Offices to issue said Letters Patent or Patents, United States or foreign, to said assignee as the assignee of said Inventions and the Letters Patent or Patents to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF said assignors have executed and delivered this instrument to said assignee effective for each of the assignors as of the date of signature of that assignor and irrespective of whether all of said assignors have executed this instrument.

June:	3th 2014 Stulle
Date	Meritxel HUCH ORTEGA
P1 8-18 (Sitory Ly
Date	Johannes Carolus CLEVERS

RECEIVED AND AGREED TO BY THE ASSIGNEE:

By #

Date: 1010716019

Namo: de Plentos

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2 of 2