

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Travis Ward	01/28/2013
RECEIVING PARTY DATA	
Name:	Repligen Corporation
Street Address:	41 Seyon Street
Internal Address:	Building #1, Suite 100
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02453
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13754540
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	00231-0145001
NAME OF SUBMITTER:	Sarah Hupprich
Total Attachments: 2 source=0145_Assignment_Ward#page1.tif source=0145_Assignment_Ward#page2.tif	

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Travis Ward, of 32A Rustic Street, Newton, Massachusetts, hereby assign to: REPLIGEN CORPORATION, a corporation of Delaware, having a place of business at 41 Seyon Street, Building #1, Suite 100, Waltham, MA 02453, United States of America; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of and described and/or claimed in an application for United States Patent, entitled "CHROMATOGRAPHY COLUMN", filed on January 30, 2013, and assigned U.S. Serial Number 13/754,540 and in an PCT application, entitled "CHROMATOGRAPHY COLUMN", having an International filing date of January 30, 2013, and assigned PCT Application Number PCT/US2013/023895; and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said applications when known; this assignment including said applications, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that I have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and

I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

I hereby covenant and agree that I will communicate to the Assignee or nominees all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

I hereby covenant that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

Date: 1/28/13 Travis Ward

IN WITNESS WHEREOF, I hereto set my hand and seal at Bank of America,
this 28 day of January, 2013
Travis Ward

State of Massachusetts : ss.
County of Middlesex :

Before me this 28 day of January, 2013, personally
appeared TRAVIS R WARD known to me to be the person whose name is subscribed
to the foregoing Assignment and acknowledged that she/he executed the same as her/his free act
and deed for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires:

