PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ramatullah Qurishi	01/14/2013
Martin Otten	01/08/2013
Stefan Trinkle	11/20/2012
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RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15411365

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DATE SIGNED:	10/23/2018

Total Attachments: 2

PATENT REEL: 047269 FRAME: 0192 source=assignment-pat-37209-926#page1.tif source=assignment-pat-37209-926#page2.tif

PATENT REEL: 047269 FRAME: 0193

ASSIGNMENT AND AGREEMENT

For value received and intending to be legally bound, I/we, the undersigned joint inventor(s) (Assignor(s)), sell, assign and transfer to Sanofi-Aventis Deutschland GmbH (Assignee), Brüningstrasse 50, D-65929 Frankfurt am Main, Germany and its successors, assigns and legal representatives, the entire right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to the application for United States Letters Patent therefore, assigned Attorney Docket No. DE2011/242, entitled

Piston for a Cartridge for Use in a Drug Delivery Device

And for all patent applications which claim priority to or are derived from said priority applications:

European Patent (EP):

EP Application Filing Date:

November 2, 2011

EP Application Filing No.:

11187479.8

and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said application(s), and under any and all Letters Patent which may be granted therefore, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, pipelines and extensions, and governmental exclusivity rights of the same.

I/we authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

I/we agree that, when requested, I/we will, without charge to said assignee but at its expense. sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

I/we covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed.

	Bonn	Germ	auy
	(City and	Nation)	7

on this 14 day of January ,2013

Signature:

Inventor's Name:

Ramatullah Qurishi

Residential Address: 53111 Bonn, Germany

Signed at	on this Of the day of, 2018	
	(City and Nation)	
	Signature:	
	Inventor's Name: Martin Otten	
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	Witnessed by: S. Twol	
Signed at	City and Nation) on this 20th day of Williams, 2012	
	Signature: Inventor's Name: Residential Address: C/O Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt-am Main, Germany	
	Witnessed by: MATIHIAS POLAN M. Jac	
Signed at	(City and Nation) Jermoury on this 14th day of Jaum arry, 2012 2013	3
	Signature: Inventor's Name: Jörn Möckel	
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Signed at	Frankfurt, Germany on this 20 th day of November, 2012 (City and Nation)	
	Signature: Inventor's Name: Residential Address: c/o Sanofi-Aventis Deutschland GmbH, 65926 Frankfurt-am-Main, Germany	
	Witnessed by: MATHIAS POLAN	