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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Paul Richard Draper	02/28/2014
Anthony Paul Morris	02/28/2014
Stephen Francis Gilmore	03/11/2014

RECEIVING PARTY DATA

Name:	SANOFI-AVENTIS DEUTSCHLAND GMBH
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15877920

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NAME OF SUBMITTER:	CHRISTINE M. GRACE
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DATE SIGNED:	07/31/2019

Total Attachments: 3

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PATENT 505597808 REEL: 049910 FRAME: 0348

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. DE2013/015, entitled

Arrangement for detecting a position of a plunger

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

European Patent (EP): EP Application Filing Date: January 29, 2013

EP Application Filing No.: 13153137.8

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.

Signed at	(City and Nation)	on this	: <u> </u>	_ day of	FEBRUARY	_, 2014
	Signature:	Paul Richard Draper 2 Clyde Avenue, Eveshan	ı , WR11 3F	E, Worce	estershire, UK	

Signed at	(City and Nation)		_ on this28	day of <i>l</i>	FEBRUARY	, 2014
	(City and Nation)					
	Signature: Inventor's Name: Residential Address:	Anthony Paul Mo 53 Sunnyside Lar	/ rris ne, Balsall Commo	- on, Coventry ,	CV7 7FY, West	Midlands, UK
	Witnessed by:	-7/5	per l'institution de l'		Than	<u></u>
Signed at	(City and Nation)		on this	day of		, 2014
	Signature: Inventor's Name: Residential Address:			– BS1 6XD, UK		
	Witnessed by:					

sanofi-aventis Docket No. DE2013/015

	Signed at			on this	day of		, 2014
	_	(City and Nation)					
		Signature: Inventor's Name: Residential Address:	Anthony Paul Morri 53 Sunnyside Lane,		Coventry , CV7 7	'FY, West Mid	llands, UK
		Witnessed by:					
A. Ch. 2014	Signed at	BRISTOL, EN (City and Nation) Signature: Inventor's Name: Residential Address:	Stephen Francis Gil Flat 15, John Cabet 9 ALLINGTON RO	lmore -Gourt. Bristol. B S	:1-6XD. UK	cn Feb	, 2014 11 March 2014
		Witnessed by:	121=	<u> </u>	115	Mar 20	7114
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