

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEFAN BLANCHE	01/05/2015
AXEL TEUCHER	01/05/2015
MICHAEL JUGL	01/06/2015
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15031723
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<b>DATE SIGNED:</b>	06/28/2016
<b>Total Attachments: 2</b>	
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source=13_1255_WO_US_Assignment#page2.tif	

## 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. DE2013/216, entitled

### Hole filling number sleeve

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

USA (US):	US Application Filing Date:	November 22, 2013
	US Application Filing No.:	61/907476
European Patent (EP):	EP Application Filing Date:	April 24, 2014
	EP Application Filing No.:	14165744.5

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 state that I/we am/are an original inventor(s) of the claimed invention and authorize the filing of a patent application for the claimed invention.

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 Frankfurt, Germany on this 05 day of January, 2015  
(City and Nation)


Signature: S. Blancke

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Witnessed by: S. Koj

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