PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TORALF SENGER	05/10/2017
JOERG BAUER	05/11/2017

RECEIVING PARTY DATA

Name:	BASF PLANT SCIENCE GMBH
Street Address:	CARL-BOSCH-STRASSE 38
City:	LUDWIGSHAFEN
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15526550	

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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ATTORNEY DOCKET NUMBER:	32471/H77877	
NAME OF SUBMITTER:	JOSHUA T. ELLIOTT	
SIGNATURE:	/Joshua T. Elliott/	
DATE SIGNED:	03/23/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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> **PATENT** REEL: 045331 FRAME: 0075

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1, 76) AND ASSIGNMENT

MATERIALS AND METHODS FOR PUFA PRODUCTION, AND PUFA-CONTAINING Title of Invention COMPOSITIONS

As the below named inventor, I hereby declare that:

This declaration [] The attached application, or

is directed to:

[x] PCT international application number PCT/EP2015/076631 filed on

13 Nov 2015

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS. BASF Plant Science GmbH Carl-Bosch-Str. 38 67056 Ludwigshafen am Rhein Germany

(hereinafter referred to as "ASSIGNEE(S)")

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR Inventor: Toralf Senger

Date: 5//0/20/7

Signature:

PATENT REEL: 045331 FRAME: 0076

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

	AFT LIGATION BATA OTILET. (C. C. C	
Title of Invention	MATERIALS AND METHODS FOR PUFA PRODUCTION, AND F	PUFA-CONTAINING
As the below	named inventor, I hereby declare that:	
This declarati	• •	
is directed to:	13 Nov 2015	
The above-id or an original	entified application was made or authorized to be made by me. I bel joint inventor of a claimed invention in the application.	lieve that I am the original inventor
Carl-Bosch-S	Science GmbH Str. 38 gshafen am Rhein	
is desirous o that may be countries;	referred to as "ASSIGNEE(S)") If acquiring the entire right, title and interest in and to said invention granted therefore in the United States and its territorial posses	sions and in any and all loveligh
acknowledge the said inve to claim pric Arrangement	HEREFORE, for good and valuable consideration the receipt and ed. I, by these presents do assign and transfer unto said ASSIGNEI ention in the United States and its territorial possessions and in all foority under the terms of the International Convention and other rots from the aforesaid application) and the entire right, title and international posterior in the United States and its territorial posterior and to any and all divisions, reissues, continuations, substitution	E(S), the full and exclusive right to preign countries (including the right elevant International Treaties and erest in and to any and all Letters sessions and in any and all foreign
and to any in said ASSIGN based on ap	are that I either have the obligation to assign or have already assign or have already assign oventions made during my employment to said ASSIGNEE based on NEE, and/or that said ASSIGNEE has obtained full and exclusive riginable national law, and that by this Assignment such transfer of rigosaid ASSIGNEE is herewith confirmed or restated.	hts in and to any such inventions
any and all the assigned	authorize and request the Patent Office Officials in the United States foreign countries to issue any and all of said Letters Patent, when e of my entire right, title and interest in and to the same, for S), its (his) successors and assigns, to the full end of the term for fully and entirely as the same would have been held by me had to	the sole use and behoof of said which said Letters Patent may be
respecting s continuation and all of s everything p protection fo	agree that I will communicate to said ASSIGNEE(S) or its (his) represaid invention, and testify in any legal proceeding, sign all law, substitute, renewal and reissue applications, execute all necessare aid Letters Patent to be issued to said ASSIGNEE(S), make all possible to aid said ASSIGNEE(S), its (his) successors and assign said invention in the United States and its territorial possessions a	rul papers, execute all divisional, by assignment papers to cause any I rightful oaths, and, generally do gns, to obtain and enforce proper and in any and all foreign countries.
I hereby 1001 by fine	acknowledge that any willful false statement made in this declarate or imprisonment of not more than five (5) years, or both.	tion is punishable under 18 U.S.C.
LEGAL NAN	ME OF INVENTOR	Date: 5711/2017

RECORDED: 03/23/2018

Inventor: Joerg Bauer

Signature:_

PATENT

REEL: 045331 FRAME: 0077