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SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT ASSIGNMENT	
		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
BASF SCHWEIZ AG			02/27/2018	
RECEIVING PARTY	DATA			
Name:	BASF SI	BASF SE		
Street Address:	Carl-Bos	Carl-Bosch-Strasse 38		
City:	LUDWIG	LUDWIGSHAFEN		
State/Country:	GERMA	GERMANY		
Postal Code:	67056			
Property Type		Number		
Property Typ PCT Number:		Number P2017061614		
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	l be sent to if provided; (c e: C	the e-mail address first; if that is if that is unsuccessful, it will be 703) 413-3000 orpassignments@oblon.com DBLON, ET AL.		
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Declaration of Assignment of Rights

BASF Schweiz AG, Klybeckstrasse 141, 4057 Basel, Switzerland confirms the assignment of all its right, title and interest in and to the invention (BASF reference 160168) as disclosed in the application(s)

CountryApplication No.Filing DateApplication TitleEuropean Patent16171347.425 May 2016 SemiconductorsPCT (none Prio)PCT/EP2017/06161415 May 2017 SemiconductorsToTwan406/14716724 May 2017 Semiconductors

(hereinafter collectively referred to as "Application(s)". The Assignee or its designee is authorized to insert here any further identification(s) of said invention, including Application Number(s), Filing Date(s), and Filing Country(ies)).

which right, title and interest were transferred from the inventor(s) HAYOZ, Pascal to **BASF** Schweiz AG

to BASF SE Carl-Bosch-Strasse 38 67056 Ludwigshafen am Rhein Germany

including (i) the right to claim priority under the laws of any country, the Paris Convention, and the Patent Cooperation Treaty to the Application(s), (ii) in and to the invention as described in the Application(s) and the Application(s) itself, and (iii) in and to all divisions, continuations, and continuations-in-part, or other applications claiming priority directly or indirectly from the Application(s) and all Letters Patent, utility models, industrial designs, petty patents, design registrations, copyrights, and legal equivalents thereof that may be granted for the invention, and (iv) all reissues, reexaminations and extensions thereof, these and the full and exclusive right, title, and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had the assignment and sale not been made.

BASF Schweiz AG shall provide **BASF SE** with any assistance necessary for the acquisition of industrial property rights.

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PATENT REEL: 048010 FRAME: 0274

BASF Schweiz A	G
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DATE	27. Feb. 2018
SIGNATURE _	
	Dr. Anton Lindner Vice President

TITLE _____

N. Balans

Dr. Wolfgang Bernhardt Senior Patent Counsel

We hereby accept the above assignment.

RECORDED: 01/15/2019

BASF SE

 12. NRZ. 2018

 DATE

 SIGNATURE

 Dr. Alexander Wallon

 TITLE

1. J. M.

PATENT REEL: 048010 FRAME: 0275