504736644 01/19/2018

EPAS ID: PAT4783370

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BAECKER	03/23/2017
JAN BENNEWITZ	03/23/2017
RON FEENSTRA	03/23/2017

RECEIVING PARTY DATA

Name:	DEUTSCHE NANOSCHICHT GMBH	
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City:	RHEINBACH	
State/Country:	GERMANY	
Postal Code:	53359	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15554742

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

(703) 413-3000 Phone: Email: skim@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	506263US
NAME OF SUBMITTER:	HANA KIM
SIGNATURE:	/HANA KIM/
DATE SIGNED:	01/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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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

itle of			
s the below named inventor, I hereby declare that:			
his declaration []The attached application, or			
directed to: [x] PCT international application number PCT/EP2016/053862 filed on 24 Feb 2016			
The above-identified application was made or authorized to be made by me.			
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
VHEREAS, leutsche Nanoschicht GmbH leisenbergstrasse 16 3359 Rheinbach lermany			
hereinafter referred to as "ASSIGNEE(S)") desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent nat 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 cknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to be said invention in the United States and its territorial possessions and in all foreign countries (including the right or claim priority under the terms of the International Convention and other relevant International Treaties and rrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters atent 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 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. D01 by fine or imprisonment of not more than five (5) years, or both.			
EGAL NAME OF INVENTOR ventor. Michael Baecker Date: 23, 1627. 2889			
ignature:			

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention				
As the below named inventor, I hereby declare that:				
This declaration [] The attached application, or				
is directed to: [x] PCT international application number PCT/EP2016/053862 filed on 24 Feb 2016 The above-identified application was made or authorized to be made by me.				
WHEREAS, Deutsche Nanoschicht GmbH Heisenbergstrasse 16 53359 Rheinbach 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 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 nade.				
Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me especting 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. 001 by fine or imprisonment of not more than five (5) years, or both.				
EGAL NAME OF INVENTOR Date: 23. MRZ. 2017				
ignature.				

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

Title of	
Invention	
As the below named inventor, I hereby declar	are that:
This declaration [] The attached applicat	don, or
is directed to: [x] PCT international app 24 Feb 2016	olication number PCT/EP2016/053862 filed on
The above-identified application was made of	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, Deutsche Nanoschicht GmbH Heisenbergstrasse 16 53359 Rheinbach Germany	
(hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title that may be granted therefore in the Unite countries;	and interest in and to said invention and in and to any Letters Patened States and its territorial possessions and in any and all foreign
the said invention in the United States and its to claim priority under the terms of the Interaction Arrangements from the aforesaid application Patent which may be granted therefor in the I countries and in and to any and all divisions, I	nable consideration the receipt and sufficiency of which is hereby in and transfer unto said ASSIGNEE(S), the full and exclusive right to a territorial possessions and in all foreign countries (including the right ernational Convention and other relevant International Treaties and all and the entire right, title and interest in and to any and all Letters United States and its territorial possessions and in any and all foreign reissues, continuations, substitutions and renewals thereof.
the assignee of my entire right, title and it ASSIGNEE(S), its (his) successors and assign	Office Officials in the United States and its territorial possessions and d all of said Letters Patent, when granted, to said ASSIGNEE(S) as nterest in and to the same, for the sole use and behoof of said gns, to the full end of the term for which said Letters Patent may be ould have been held by me had this Assignment and sale not been
continuation, substitute, renewal and reissue and all of said Letters Patent to be issued everything possible to aid said ASSIGNEE(sprotection for said invention in the United State	said ASSIGNEE(S) or its (his) representatives any facts known to me y legal proceeding, sign all lawful papers, execute all divisional, applications, execute all necessary assignment papers to cause any to said ASSIGNEE(S), make all rightful oaths, and, generally do S), its (his) successors and assigns, to obtain and enforce proper as and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false 1001 by fine or imprisonment of not more than	e statement made in this declaration is punishable under 18 U.S.C. five (5) years, or both.
EGAL NAME OF INVENTOR	
nventor: Ron Feenstra	Date: <u>23. MRZ, 2017</u>
Signature: The Signature of the Signatur	

US_PCT_Deci RECORDED: 01/19/2018