

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5567149

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MACIEJ KRZYSZTO STODOLNY	04/25/2019
LAMBERT JOHAN GEERLIGS	04/25/2019
EVERT EUGÈNE BENDE	04/25/2019
JOHN ANKER	04/25/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO
<b>Street Address:</b>	ANNA VAN BUERENPLEIN 1
<b>City:</b>	'S-GRAVENHAGE
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	2595 DA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16464281
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	uspractice@nlo.eu
<b>Correspondent Name:</b>	N.V. NEDERLANDSCH OCTROOIBUREAU
<b>Address Line 1:</b>	ANNA VAN BUERENPLEIN 21A
<b>Address Line 2:</b>	NEW BABYLON CITY OFFICES
<b>Address Line 4:</b>	THE HAGUE, NETHERLANDS 2595 DA
<b>ATTORNEY DOCKET NUMBER:</b>	P6064359PCT/US
<b>NAME OF SUBMITTER:</b>	CATHERINE A. SHULTZ
<b>SIGNATURE:</b>	/CATHERINE A. SHULTZ/
<b>DATE SIGNED:</b>	06/12/2019
<b>Total Attachments: 7</b>	
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File No: P6064359PCT/US

ASSIGNMENT BETWEEN:

Stodolny, Maciej Krzyszto  
Geerligs, Lambert Johan  
Bende, Evert Eugène  
Anker, John

("the Assignor(s)")

and:

Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO  
Anna van Buerenplein 1  
2595 DA 's-Gravenhage  
The Netherlands

("the Assignee(s)")

WHEREAS:-

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as "Photovoltaic cell with passivating contact" for which patent protection has been applied for in the form of the patent application(s) listed in the schedule below.

(B) The Assignor(s) has/have agreed to assign to the Assignee(s), its successors and assigns, all right, title and interest in the Invention(s) and in any and all applications filed thereon, throughout the world and in particular in the United States of America (as defined in 35 U.S.C. § 100) and any territories indicated in the schedule below, including the right to apply for the grant of patents together with the right to apply for the grant of any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) arising from the Invention(s) and improvements and modifications thereof, the right to claim convention priority, the right to be granted patents along with extensions and renewals thereof and the right to enforce any patent(s) granted for the Invention(s) to the full end of the term(s) for which such patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the Assignee to the same extent as they would have been held and enjoyed by the Assignor(s) had this assignment and sale not been made.

(C) The Assignor has further agreed to assign any copyright, design right, know how, or other intellectual properties associated with the Invention(s) to the Assignee(s).

NOW THEREFORE, in consideration of the good and valuable sum of EURO 1.00 and other good and valuable consideration paid by the Assignee(s) to the Assignor(s), the receipt of which is hereby acknowledged, the Assignor(s) hereby assigns/assign to the Assignee(s) all of the rights set out under (B) and (C) above.

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers and the provision of any evidence, required by the Assignee(s) or its/their agent(s) to further the grant of any patent application(s) associated with the Invention(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, re-examination or corresponding application(s) filed therefrom, and the subsequent maintenance and enforcement of any patent(s) granted on such application(s), to execute separate assignment(s) in connection with such application(s) as the Assignee(s) may deem necessary or expedient, and to communicate to Assignee(s), its successors and assigns, or their representative or agents, all facts and information known or available to Assignor(s) respecting the Invention, and modifications including evidence

Initials Assignor(s) M.S. [Signature]  
Initial Assignee(s) [Signature]

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for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee(s).

The Assignor(s) agrees/agrees to execute all papers necessary in connection with any interference proceedings that may be declared in the United States of America concerning any patent application(s), patent(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or re-examination application associated therewith, and to cooperate with the Assignee(s) in every way possible in obtaining evidence and going forward with such interference.

The Assignor(s) agrees/agrees to promptly take any action, including the execution of any papers, required by the Assignee(s) or its/their agent(s) in order to record this assignment document in any national/regional/international intellectual property register throughout the world.

The Assignor(s) hereby represents/represent that he/she/they has/has the full right to convey the entire right, title and interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

It is hereby agreed that the terms of this assignment shall be interpreted under the laws of **The Netherlands** and disputes arising under this agreement shall be adjudicated before the courts in **The Hague**

The undersigned hereby grants to the patent attorneys and lawyers of **Nederlandsch Octrooibureau** power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document.

SCHEDULE

Country	Application No.	Filing Date
NL	2017872	25 November 2016
WO	PCT/NL2017/050771	24 November 2017
US	16/464,281	27 May 2019

Initial Assignor(s)

Ms. EB [Signature]

Initial Assignee(s)

[Signature]

File No: P6064359PCT/US

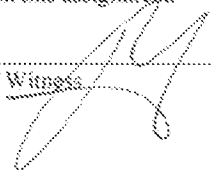
IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

SIGNATURE OF INVENTOR/ASSIGNOR: Maciej Stodolny Date: 25-04-2019  
(dd.mm.yyyy)

Stodolny, Maciej Krzysztof

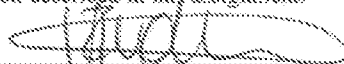
STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)  
on 21 (day) April (month) 2019 (year)  
1. R.W. Kambeel whose full residence address is  
Thorbeckelaan 570, The Hague, NL was  
personally present and did see the person named above, M. Stodolny,  
execute the above assignment on 21 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

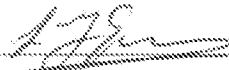
Signature of Witness 

STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)  
on 25 (day) April (month) 2019 (year)  
1. H.F. Wonder Meer whose full residence address is  
Zeepleidersstraat 29, Oeford, NL was  
personally present and did see the person named above, M. Stodolny,  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

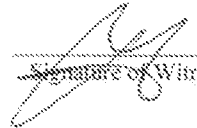
Signature of Witness 

File No: P6064359PCT/US

SIGNATURE OF ASSIGNOR:  Date: 25. 04. 2019 (dd.mm.yyyy)  
Geerligs, Lambert Johan

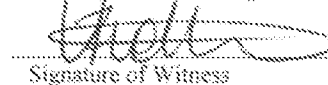
STATEMENT OF WITNESS:

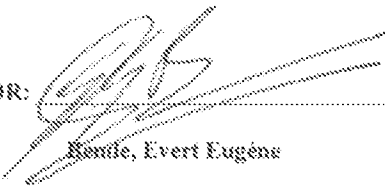
Signed at The Hague (city) NL (country)  
on 25 (day) April (month) 2019 (year)  
I, R.W. Kambaal whose full residence address is  
Thorbeckelaan 17a, The Hague, NL was  
personally present and did see the person named above, L. Geerligs,  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

STATEMENT OF WITNESS:

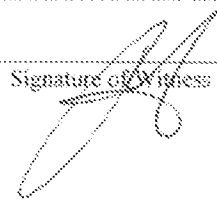
Signed at The Hague (city) NL (country)  
on 25 (day) April (month) 2019 (year)  
I, V.F. van der Meer whose full residence address is  
Zoopvelderstraat 29, Delfgauw, NL was  
personally present and did see the person named above, L. Geerligs,  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

SIGNATURE OF ASSIGNOR:  Date: 25/4/19 (dd.mm.yyyy)  
Bontje, Evert Eugène

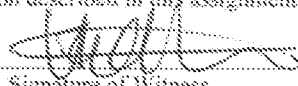
STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)  
on 25 (day) April (month) 2019 (year)  
I, R.W. Kambaal whose full residence address is  
The Beckelaan 57a The Hague, NL was  
personally present and did see the person named above, E. Bontje  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)  
on 25 (day) April (month) 2019 (year)  
I, V.F. van der Meer whose full residence address is  
Zeeplein 20, Delfgauw, NL was  
personally present and did see the person named above, E. Bontje  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

SIGNATURE OF ASSIGNOR:

*J. Anker*  
Anker, John

Date: 25.04.2019 (dd.mm.yyyy)

STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)

on 25 (day) April (month) 2019 (year)

I, R.W. Kambal whose full residence address is  
Thebackelaa 572, The Hague, NL was  
personally present and did see the person named above, J. Anker,  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

*[Signature]*  
Signature of Witness

STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)

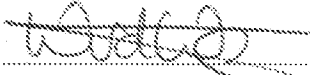
on 25 (day) April (month) 2019 (year)

I, V.F. van der Meer whose full residence address is  
zweepriede / straat 29, Bellingwol, NL was  
personally present and did see the person named above, J. Anker,  
execute the above assignment on 25 (day) April (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

*[Signature]*  
Signature of Witness



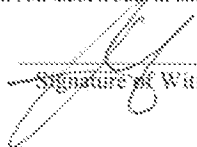
File No: P6064359PCT/US

SIGNATURE OF ASSIGNEE:  Date: May 6, 2019 (dd mm.yyyy)

Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO

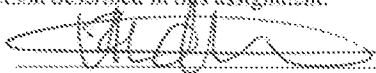
STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)  
on 6 (day) May (month) 2019 (year)  
I, A.W. Kambel whose full residence address is  
Thorbeckelaan 570, The Hague, NL was  
personally present and did see the person named above, W. van der Weg,  
execute the above assignment on 6 (day) May (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

STATEMENT OF WITNESS:

Signed at The Hague (city) NL (country)  
on 6 (day) May (month) 2019 (year)  
I, V.F. van der Meer whose full residence address is  
200 Polderstraat 29, Delfgauw, NL was  
personally present and did see the person named above, W. van der Weg,  
execute the above assignment on 6 (day) May (month) 2019 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness