

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4602202

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHAN HENDRIK CRUIJSSEN	07/31/2017
PETRUS CORNELIS DATEMA	07/11/2017
BRUIN BENTHEM	07/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AIRBUS DEFENCE AND SPACE NETHERLANDS B.V.
<b>Street Address:</b>	MENDELWEG 30
<b>City:</b>	LEIDEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	2333 CS
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15497281
<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>	uspto@nlo.eu
<b>Correspondent Name:</b>	NLO
<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>	P6058809US
<b>NAME OF SUBMITTER:</b>	CATHERINE A. SHULTZ
<b>SIGNATURE:</b>	/Catherine A. Shultz/
<b>DATE SIGNED:</b>	09/20/2017
<b>Total Attachments: 6</b>	
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ASSIGNMENT BETWEEN:

**CRUIJSSEN, Johan Hendrik**

**DATEMA, Petrus Cornelis**

**BENTHEM, Bruin**

("the Assignor(s)")

and:

**Airbus Defence and Space Netherlands B.V.**  
**Mendelweg 30**  
**2333 CS Leiden**  
**The Netherlands**

("the Assignee(s)")

WHEREAS:-

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as "**Solar Panel and Flexible Radiator for a Spacecraft**" for which patent protection has been applied for in the form of the patent application(s) listed in the schedule below.

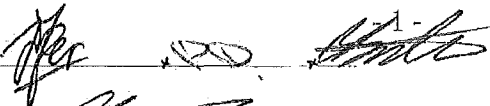
(B) The Assignor(s) has/have agreed to assign to the Assignee(s), its successors and assigns, all right, title and interest in the Invention(s) and in any and all applications filed thereon, throughout the world and in particular in the United States of America (as defined in 35 U.S.C. § 100) and any 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

Initials Assignor(s)



Initial Assignees(s)



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information known or available to Assignor(s) respecting the Invention, and modifications including evidence 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/agree 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/agree 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/have 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.

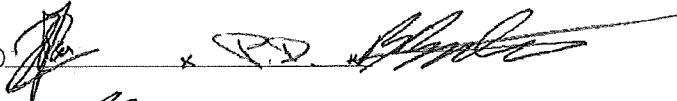
It is hereby agreed that the terms of this assignment shall be interpreted under the laws of The Netherlands and disputes arising under this agreement shall be adjudicated before the courts in The Hague.

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
Netherlands	2016677	26 April 2016
United States of America	15/497,281	26 April 2017

Initials Assignor(s)



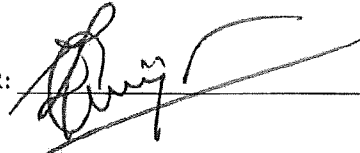
Initial Assignees(s)



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

SIGNATURE OF INVENTOR/ASSIGNOR:  
(dd.mm.yyyy)



Date: 31-07-2017

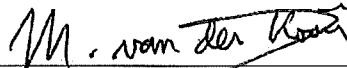
CRUIJSSEN, Johan Hendrik

STATEMENT OF FIRST WITNESS:

Signed at Leiden (city) The Netherlands (country)

on 31 (day) July (month) 2017 (year)

I, Matthijs van der Kooij whose full residence address is  
Kraakendstraat 11, 2592 NP, Den Haag was  
personally present and did see the person named above, Johan Hendrik ~~Cruijssen~~ Cruijssen  
execute the above assignment on 31 (day) July (month) 2017 (year), and  
such assignor is personally known to me to be the person described in this assignment.



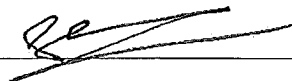
Signature of Witness

STATEMENT OF SECOND WITNESS:

Signed at Leiden (city) Netherlands (country)


on 31 (day) July (month) 2017 (year)

I, Sybe Kampen whose full residence address is  
Jan van Goyenkraak 9, 5143 JL Waalwijk, Netherlands was  
personally present and did see the person named above, Johan Hendrik Cruijssen  
execute the above assignment on 31 (day) July (month) 2017 (year), and  
such assignor is personally known to me to be the person described in this assignment.



Signature of Witness

File No: P6058809US

SIGNATURE OF ASSIGNOR: 


Date: 11-07-2017 (dd.mm.yyyy)

DATEMA, Petrus Cornelis

STATEMENT OF FIRST WITNESS:

Signed at Leiden (city) Netherlands (country)  
on 11 (day) July (month) 2017 (year)

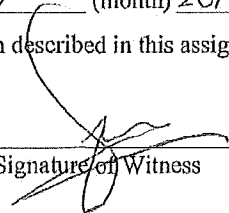
I, Sytze Kampen whose full residence address is  
Jan van Goyenkraak 9, 5143 JL Waalwijk, Netherlands was  
personally present and did see the person named above, Peter Datema,  
execute the above assignment on 11 (day) July (month) 2017 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness


STATEMENT OF SECOND WITNESS:

Signed at Leiden (city) Netherlands (country)  
on 18 (day) July (month) 2017 (year)

I, Frank Meiboom whose full residence address is  
De Sloop 10 3823 VT Cimeersloot, Netherlands was  
personally present and did see the person named above, Peter Datema,  
execute the above assignment on 11 (day) July (month) 2017 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

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SIGNATURE OF ASSIGNOR: 

Date: 6-7-17 (dd.mm.yyyy)


**BENTHEM, Bruin**

**STATEMENT OF FIRST WITNESS:**

Signed at Leiden (city) Netherlands (country)

on 6 (day) July (month) 2017 (year)

I, Sytra Kampen whose full residence address is Jan van Goyenkraat 9, 5143 JL Warwijke, Netherlands was personally present and did see the person named above, Bruin Benthem, execute the above assignment on 6 (day) July (month) 2017 (year), and such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

**STATEMENT OF SECOND WITNESS:**


Signed at Leiden (city) Netherlands (country)

on 10 (day) July (month) 2017 (year)

I, Frank Meiboom whose full residence address is De Stelp 10 3823 VT Amersfoort, Netherlands was personally present and did see the person named above, Bruin Benthem, execute the above assignment on 6 (day) July (month) 2017 (year), and such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

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SIGNATURE OF ASSIGNEE:  Date: 25-7-2017 (dd.mm.yyyy)

Airbus Defence and Space Netherlands B.V.

STATEMENT OF FIRST WITNESS:

Signed at 25 July 2017 (city) Leiden Neth. (country)

on 25 (day) July (month) 2017 (year)

I, Michel Rog whose full residence address is  
Mendelweg 30 2352 CS Leiden was  
personally present and did see the person named above, S. Kampen,  
execute the above assignment on 25 (day) July (month) 2017 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness

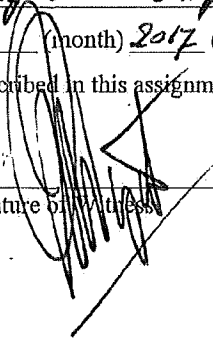
**M. Rog**  
Director Operations  
Center

STATEMENT OF SECOND WITNESS:

Signed at Leiden (city) The Netherlands (country)

on 26 (day) July (month) 2017 (year)

I, Peter Pieterse van Wijck whose full residence address is  
76 Van der Helstlaan 67, 1412 HJ Naarden was  
personally present and did see the person named above, Sytsa Kampen,  
execute the above assignment on 26 (day) July (month) 2017 (year), and  
such assignor is personally known to me to be the person described in this assignment.

  
Signature of Witness