

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7770461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETRUS HENDRIKUS ANTONIS	08/22/2019
LUDOVICUS JOHANNES LAMBERTUS HAENEN	12/22/2021
CHRISTOPH GERARD AUGUST HOELN	01/15/2022
PETER GUIDO VANPOUCKE	06/25/2019
BARRY MOS	06/24/2019
YUN LI	12/21/2021
DOMINIQUE MARIA BRULS	07/01/2019
SIMON EME KADIJK	01/03/2022
RECEIVING PARTY DATA	
Name:	SIGNIFY HOLDING B.V.
Street Address:	HIGH TECH CAMPUS 48
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AE
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17620764
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	gigi.miller@signify.com
Correspondent Name:	SIGNIFY NORTH AMERICA CORPORATION
Address Line 1:	1 VAN DE GRAFF DRIVE
Address Line 2:	SUITE 202
Address Line 4:	BURLINGTON, MASSACHUSETTS 01803
ATTORNEY DOCKET NUMBER:	2019P80223WOUS
NAME OF SUBMITTER:	GIGI MILLER
SIGNATURE:	/GiGi Miller/

DATE SIGNED:	01/31/2023
Total Attachments: 16 source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page1.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page2.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page3.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page4.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page5.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page6.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page7.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page8.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page9.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page10.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page11.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page12.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page13.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page14.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page15.tif source=2019P80223WOUS_ASSIGNMENT_DECLARATION_CPDF#page16.tif	

U.S.A. Sole/Joint

ASSIGNMENT& DECLARATION

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s), or Inventor hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to Signify Holding B.V., having a place of business at High Tech Campus 48, 5656 AE, Eindhoven, the Netherlands, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention entitled

HLD module with cavity for improved light coupling

for which an application:

- ☐ is executed concurrently herewith
- ☐ was executed by me/us on
- ☐ was filed on:, having a Serial No.
- ☒ was filed on **2019-Jun-21** at the **European Patent Office (Den Haag)**,
having an Application No. **19181706.3**,

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

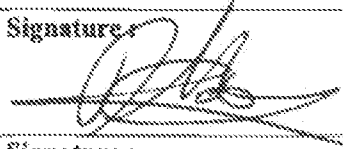
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

I/We certify that I/we have the full right to convey the above rights.

As a below-named Inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I believe that I am the original Inventor or an original joint Inventor of a claimed invention in the application.

I hereby acknowledge that any wilful 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.

Date: August 22, 2019	Petrus Hendrikus ANTONIS	Signature: 
Date:	Peter Guido VANPOUCKE	Signature :
Date:	Barry MOS	Signature :
Date:	Dominique Maria BRULS	Signature :

File No. 2019P80223WO

U.S.A. Sole/Joint

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3D.O. module with cavity for improved light coupling

for which an application:

- ☐ is executed concurrently herewith
☐ was executed by me/us on having a Serial No.
☒ was filed on 2020-Jun-17 at the World Intellectual Property Organization, having an Application No. PCT/EP2020/060819.

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisional, non-provisional divisions, continuations, continuations-in-part, re-examinations, renewals, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

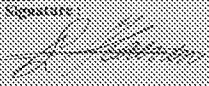
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Date:	Piet ANTONIS	Signature:
Date: 12 Dec 2021	Ludovicus Johannes Lambertus HAENEN	Signature: 

PATENT

REEL: 062544 FRAME: 0751

2022, 11:29 PM

File No. 2019P80223WO

Date:	Peter VANPOULCKE	Signature:
Date:	Christoph Gerard August HOEFEN	Signature:
Date:	Barry MOS	Signature:
Date:	Dominique Maria BRULS	Signature:
Date:	Simon Eric KABELK	Signature:
Date:	Yan LI	Signature:

PATENT

REEL: 062544 FRAME: 0752

2022, 11:29 PM

U.S.A. Sole/Joint

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HLD module with cavity for improved light coupling

for which an application:

- ☐ is executed concurrently herewith.
- ☐ was executed by me/us on
- ☐ was filed on, having a Serial No.
- ☒ was filed on **2020-Jun-17** at the **World Intellectual Property Organization**,
having an Application No. **PCT/EP2020/066819**,

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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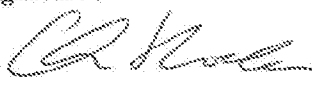
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Date:	Piet ANTONIS	Signature :
Date:	Ludovicus Johannes Lambertus HAENEN	Signature :

Date:	Peter VANPOUCKE	Signature :
Date: 15 JAN. 2022	Christoph Gerard August HOELEN	Signature : 
Date:	Barry MOS	Signature :
Date:	Dominique Maria BRULS	Signature :
Date:	Simon Eme KADIJK	Signature :
Date:	Yun LI	Signature :

U.S.A. Sole/Joint

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HLD module with cavity for improved light coupling
for which an application:

is executed concurrently herewith

was executed by me/us on

was filed on:, having a Serial No.

.....
was filed on **2019-Jun-21** at the **European Patent Office (Den Haag)**,
having an Application No. **19181706.3**,

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

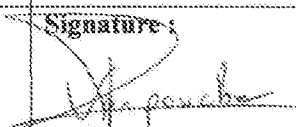
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Date:	Petrus Hendrikus ANTONIS	Signature :
Date: 25/6/2019	Peter Guido VANPOUCKE	Signature : 
Date:	Barry MOS	Signature :
Date:	Dominique Maria BRULS	Signature :

U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION

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HLD module with cavity for improved light coupling

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- ☐ is executed concurrently herewith
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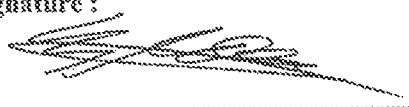
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Date:	Petrus Hendrikus ANTONIS	Signature :
Date:	Peter Guido VANPOUCKE	Signature :
Date: 24-6-2019	Barry MOS	Signature : 
Date:	Dominique Maria BRULS	Signature :

U.S.A. Sole/Joint

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HLD module with cavity for improved light coupling

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Date:	Piet ANTONIS	Signature :
Date:	Ludovicus Johannes Lambertus HAENEN	Signature :

Date:	Peter VANPOUCKE	Signature :
Date:	Christoph Gerard August HOELEN	Signature :
Date:	Barry MOS	Signature :
Date:	Dominique Maria BRULS	Signature :
Date:	Simon Eme KADIJK	Signature :
Date: 2021/12/21	Yun LI	Signature : 

U.S.A. Sole/Joint

ASSIGNMENT & DECLARATION

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HLD module with cavity for improved light coupling

for which an application:

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- ☐ was executed by me/us on
- ☐ was filed on, having a Serial No.
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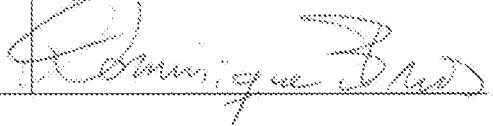
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Date:	Petrus Hendrikus ANTONIS	Signature :
Date:	Peter Guido VANPOUCKE	Signature :
Date:	Barry MOS	Signature :
Date: 1 July 2019	Dominique Maria BRULS	Signature : 

File No. 2019P00223EP

File No. 2019P00223EP

U.S.A. Sales Agent

ASSIGNMENT & DECLARATION

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RLD module with cavity for improved light coupling

for which an application:

- ☐ is executed concurrently herewith
☐ was executed by me/us on: _____
☐ was filed on: _____, having a Serial No. _____
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05-01-2022

Date:	Petrus Hendrikus ANTONIS	Signature:
Date:	Peter Guido VANPOCKEL	Signature:
Date:	Barry MOS	Signature:
Date:	Dominique Maria BRUIJS	Signature:
Date:	Simon Eric KASLIK	Signature:

2022-Jan-03