# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7238925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HENDRIK BLUHM	03/22/2022
FENG LIU	03/22/2022
THOMAS DESCAMPS	03/08/2022

## **RECEIVING PARTY DATA**

Name:	RHEINISCH-WESTFÄLISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN
Street Address:	TEMPLERGRABEN 55
City:	AACHEN
State/Country:	GERMANY
Postal Code:	52062

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17642445

## **CORRESPONDENCE DATA**

Fax Number:

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.

Phone: 313-889-5000 Email: info@smartpat.net

Correspondent Name: SMARTPAT PLC AXEL NIX
Address Line 1: 400 RENAISSANCE CENTER

Address Line 2: SUITE 2600

Address Line 4: DETROIT, MICHIGAN 48243

ATTORNEY DOCKET NUMBER:	WMW08-02
NAME OF SUBMITTER:	BERND AXEL NIX
SIGNATURE:	/Axel Nix/
DATE SIGNED:	03/23/2022

**Total Attachments: 9** 

source=20220323-WMW08-02\_Assignment-Declaration\_Bluhm\_signed#page1.tif source=20220323-WMW08-02\_Assignment-Declaration\_Bluhm\_signed#page2.tif

PATENT REEL: 059350 FRAME: 0487

507192075

source=20220323-WMW08-02\_Assignment-Declaration\_Bluhm\_signed#page3.tif
source=20220323-WMW08-02\_Assignment-Declaration\_Descamps\_signed#page1.tif
source=20220323-WMW08-02\_Assignment-Declaration\_Descamps\_signed#page2.tif
source=20220323-WMW08-02\_Assignment-Declaration\_Descamps\_signed#page3.tif
source=20220323-WMW08-02\_Assignment-Declaration\_Feng\_Liu\_signed#page1.tif
source=20220323-WMW08-02\_Assignment-Declaration\_Feng\_Liu\_signed#page2.tif
source=20220323-WMW08-02\_Assignment-Declaration\_Feng\_Liu\_signed#page3.tif

# COMBINED ASSIGNMENT AND DECLARATION

## ASSIGNMENT

We,

Hendrik BLUHM	Feng LIU
Raphaelshöfe 25	Wiesenweg 63
52070 Aachen	52072 Aachen
Germany	Germany

## **Thomas DESCAMPS**

Lütticher Strasse 3A 52064 Aachen Germany

have invented certain new and useful improvements ("Invention") that are disclosed and/or claimed in the following patent application ("Application"):

International Patent Application entitled "OPTICALLY ACTIVE QUANTUM POINT DEFINED BY GATES,"
Application No. PCT/DE2020/100789, filed 10-Sep-2020.

Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen, having a place of business at Templergraben 55, 52062 Aachen, Germany, on behalf of itself and its successors and assigns ("Assignee") is entitled to and is desirous of acquiring the entire and exclusive rights, title and interest in and to the Invention, the Application, and all other applications and patents derived therefrom in and for the United States.

Page 1 of 3

Practitioner Docket No.: WMW08-02

PCT/DE2020/100789

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and transferred and by this present instrument, hereby sell, assign and transfer unto the Assignee, the full and exclusive rights, title and interest, including the right to claim priority, in and to the Invention, the Application, and any and all divisions or continuations thereof, and in and to any and all Letters Patents of the United States which may issue on any such application or for the Invention, including any and all reissues or extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to the Assignee as the assignee of our entire right, title and interest in and to the same, for the sole use and benefit of the Assignee 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 us had this Assignment and sale not been made.

### DECLARATION

As an above-named inventor, I hereby declare that:

- 1. The above-identified application was made or authorized to be made by me.
- 2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- 3. I hereby acknowledge that any willful 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.

Page 2 of 3

# SIGNATURE SHEET

(inventors may sign separate sheets)

Date:	Digitally signed by Hendrik Bluhm DN: cn=Hendrik Bluhm DN: cn=Hendrik Bluhm aachgen.de, c=DE Date: 2022.03.22 13:54:33 +01'00'  (SIGNATURE OF INVENTOR) Hendrik BLUHM
Date:	(SIGNATURE OF INVENTOR) Feng LIU
Date:	(SIGNATURE OF INVENTOR) Thomas DESCAMPS

# COMBINED ASSIGNMENT AND DECLARATION

## ASSIGNMENT

We,

Hendrik BLUHM	Feng LIU
Raphaelshöfe 25	Wiesenweg 63
52070 Aachen	52072 Aachen
Germany	Germany

## **Thomas DESCAMPS**

Lütticher Strasse 3A 52064 Aachen Germany

have invented certain new and useful improvements ("Invention") that are disclosed and/or claimed in the following patent application ("Application"):

International Patent Application entitled "OPTICALLY ACTIVE QUANTUM POINT DEFINED BY GATES,"
Application No. PCT/DE2020/100789, filed 10-Sep-2020.

Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen, having a place of business at Templergraben 55, 52062 Aachen, Germany, on behalf of itself and its successors and assigns ("Assignee") is entitled to and is desirous of acquiring the entire and exclusive rights, title and interest in and to the Invention, the Application, and all other applications and patents derived therefrom in and for the United States.

Page 1 of 3

Practitioner Docket No.: WMW08-02

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and transferred and by this present instrument, hereby sell, assign and transfer unto the Assignee, the full and exclusive rights, title and interest, including the right to claim priority, in and to the Invention, the Application, and any and all divisions or continuations thereof, and in and to any and all Letters Patents of the United States which may issue on any such application or for the Invention, including any and all reissues or extensions thereof.

PCT/DE2020/100789

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to the Assignee as the assignee of our entire right, title and interest in and to the same, for the sole use and benefit of the Assignee 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 us had this Assignment and sale not been made.

### **DECLARATION**

As an above-named inventor, I hereby declare that:

- 1. The above-identified application was made or authorized to be made by me.
- 2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- 3. I hereby acknowledge that any willful 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.

Page 2 of 3

# SIGNATURE SHEET

(inventors may sign separate sheets)

Date:	
	(SIGNATURE OF INVENTOR) Hendrik BLUHM
Date:	
	(SIGNATURE OF INVENTOR) Feng LIU
Date: <u>08·03·20</u> 2	Allemps.
,	(SIGNATURE OF INVENTOR)
	Thomas DESCAMPS

# COMBINED ASSIGNMENT AND DECLARATION

## ASSIGNMENT

We,

Hendrik BLUHM	Feng LIU
Raphaelshöfe 25	Wiesenweg 63
52070 Aachen	52072 Aachen
Germany	Germany

## **Thomas DESCAMPS**

Lütticher Strasse 3A 52064 Aachen Germany

have invented certain new and useful improvements ("Invention") that are disclosed and/or claimed in the following patent application ("Application"):

International Patent Application entitled "OPTICALLY ACTIVE QUANTUM POINT DEFINED BY GATES,"
Application No. PCT/DE2020/100789, filed 10-Sep-2020.

Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen, having a place of business at Templergraben 55, 52062 Aachen, Germany, on behalf of itself and its successors and assigns ("Assignee") is entitled to and is desirous of acquiring the entire and exclusive rights, title and interest in and to the Invention, the Application, and all other applications and patents derived therefrom in and for the United States.

Practitioner Docket No.: WMW08-02

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and transferred and by this present instrument, hereby sell, assign and transfer unto the Assignee, the full and exclusive rights, title and interest, including the right to claim priority, in and to the Invention, the Application, and any and all divisions or continuations thereof, and in and to any and all Letters Patents of the United States which may issue on any such application or for the Invention, including any and all reissues or extensions thereof.

PCT/DE2020/100789

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to the Assignee as the assignee of our entire right, title and interest in and to the same, for the sole use and benefit of the Assignee 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 us had this Assignment and sale not been made.

### DECLARATION

As an above-named inventor, I hereby declare that:

- 1. The above-identified application was made or authorized to be made by me.
- 2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- 3. I hereby acknowledge that any willful 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.

Page 2 of 3

# SIGNATURE SHEET

(inventors may sign separate sheets)

Date:	
	(SIGNATURE OF INVENTOR)
	Hendrik BLUHM
	Feny Liu
Date: 22nd March 2022	$\mathcal{O}$
	(SIGNATURE OF INVENTOR) Feng LIU
Date:	
	(SIGNATURE OF INVENTOR)
	Thomas DESCAMPS