

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6376770

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIANG JIANG	12/04/2018
STEVEN M. GIRVIN	12/04/2018
YVONNE GAO	12/10/2018
ROBERT J. SCHOELKOPF III	12/18/2018
BRIAN LESTER	12/20/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	YALE UNIVERSITY
<b>Street Address:</b>	TWO WHITNEY AVENUE
<b>City:</b>	NEW HAVEN
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06511
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16959184
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<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>Phone:</b>	617-646-8000
<b>Email:</b>	Assignments@wolfgreenfield.com
<b>Correspondent Name:</b>	JAMES H. MORRIS
<b>Address Line 1:</b>	WOLF, GREENFIELD & SACKS, P.C.
<b>Address Line 2:</b>	600 ATLANTIC AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	Y0087.70135US02
<b>NAME OF SUBMITTER:</b>	MORGAN L. RYAN
<b>SIGNATURE:</b>	/Morgan L. Ryan/
<b>DATE SIGNED:</b>	10/30/2020
<b>Total Attachments: 25</b>	

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to Yale University, a Connecticut Corporation having a place of business at Two Whitney Avenue, New Haven, Connecticut, 06511, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **January 5, 2018** under Application No. **62/613,937**, bearing Attorney Docket No. **Y0087.70135US00**, and entitled **ROBUST QUANTUM LOGICAL GATES**, the Inventions, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States and its possessions and territories, internationally, including all Patent Cooperation Treaty (PCT) and national phase applications, and in all foreign countries, including but not limited to China, Japan, and The Republic of Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction for the Inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to apply for patent rights in and claim priority for China, Japan, and The Republic of Korea, and the right to claim priority to the patent application under the International Convention for the Protection of Industrial Property and the European Patent Convention, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all Inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the Inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the Inventions and for vesting title to the Inventions and all applications for patents and all patents on the Inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

Attorney Docket No. **Y0087.70135US00**

5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments; and

6. Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. Y0087.70135US00

Feb 14, 2018

Date

Inventor: Liang Jiang

Address: 185 White Birch Drive

Guilford, Connecticut 06437

Citizenship: People's Republic of China

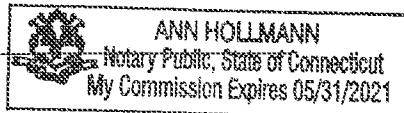
STATE/Commonwealth of Connecticut  
COUNTY OF New Haven:

On this 14<sup>th</sup> day of February, 2018, before me, the undersigned notary public,  
personally appeared Liang Jiang, proved to me through satisfactory evidence of  
identification, which were Yale ID,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Ann Hollmann  
Notary Public

My commission expires:



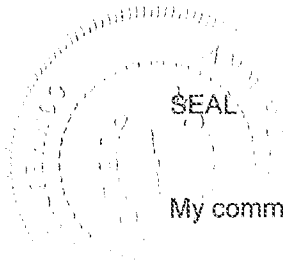
Attorney Docket No. Y0087.70135US00

2/15/18  
Date

SM Girvin  
Inventor: Steven M. Girvin  
Address: 30 Deepwood Drive  
Hamden, Connecticut 06517  
Citizenship: US

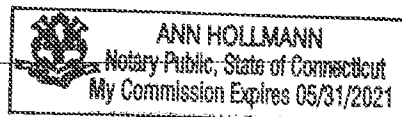
STATE/Commonwealth of Connecticut  
COUNTY OF New Haven

On this 15<sup>th</sup> day of February, 2018, before me, the undersigned notary public, personally appeared Steven M. Girvin, proved to me through satisfactory evidence of identification, which were personally known to me to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



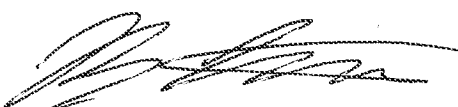
Ann Hollmann  
Notary Public

My commission expires:



Attorney Docket No. Y0087.70135US00

2/15/2018  
Date

  
Inventor: Brian Lester  
Address: 275 Winchester Avenue  
Apt. 419  
New Haven, Connecticut 06511  
Citizenship: US

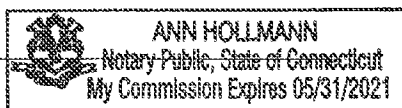
STATE/Commonwealth of Connecticut  
COUNTY OF New Haven

On this 15<sup>th</sup> day of February, 2018, before me, the undersigned notary public,  
personally appeared Brian Lester, proved to me through satisfactory evidence of  
identification, which were Yale ID,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

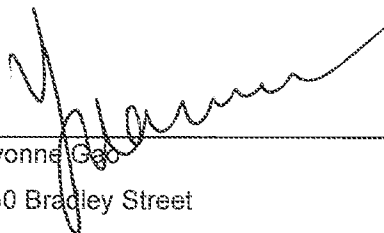
  
Ann Hollmann  
Notary Public

My commission expires:



Attorney Docket No. Y0087.70135US00

14<sup>th</sup> Feb, 2018  
Date

  
Inventor: Yvonne Gao  
Address: 150 Bradley Street  
#1

New Haven, Connecticut 06511

Citizenship: Republic of Singapore

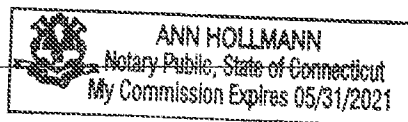
STATE/Commonwealth of Connecticut  
COUNTY OF New Haven :

On this 14<sup>th</sup> day of February, 2018, before me, the undersigned notary public,  
personally appeared Yvonne Gao, proved to me through satisfactory evidence of  
identification, which were Driver License,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

 SEAL

  
Notary Public

My commission expires:



Attorney Docket No. Y0087.70135US00

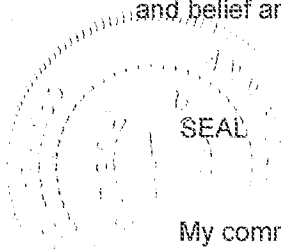


2/20/18  
Date

[Signature]  
Inventor: Robert J. Schoelkopf III  
Address: 44 Northwood Road  
Madison, Connecticut 06443  
Citizenship:

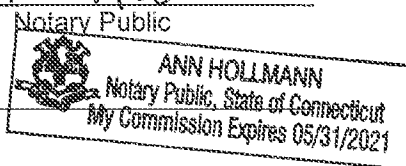
STATE/Commonwealth of Connecticut  
COUNTY OF New Haven

On this 20<sup>th</sup> day of February, 2018, before me, the undersigned notary public,  
personally appeared Robert J. Schoelkopf III, proved to me through satisfactory evidence of  
identification, which were Personally known to me,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



Ann Hollmann  
Notary Public

My commission expires:



Attorney Docket No. Y0087.70135US00

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Yale University**, a Connecticut Corporation having a place of business at **Two Whitney Avenue, New Haven, Connecticut, 06511**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application filed in the United States Patent and Trademark Office on **September 19, 2018** under Application No. **62/733,326**, bearing Attorney Docket No. **Y0087.70135US01**, and entitled **ROBUST QUANTUM LOGICAL GATES**, the Inventions, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States and its possessions and territories, internationally, including all Patent Cooperation Treaty (PCT) and national phase applications, and in all foreign countries, including but not limited to China, Japan, and The Republic of Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction for the Inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to apply for patent rights in and claim priority for China, Japan, and The Republic of Korea, and the right to claim priority to the patent application under the International Convention for the Protection of Industrial Property and the European Patent Convention, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all Inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the Inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the Inventions and for vesting title to the Inventions and all applications for patents and all patents on the Inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments; and

6. Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

Dec 4, 2018

Date

Inventor: Liang Jiang

Address: 185 White Birch Drive

Guilford, Connecticut 06437

Citizenship: People's Republic of China

STATE/Commonwealth of

COUNTY OF

Connecticut  
Newtown

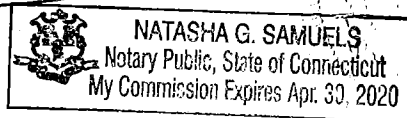
On this 4th day of December, 2018, before me, the undersigned notary public, personally appeared Liang Jiang, proved to me through satisfactory evidence of identification, which were CT State Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Natasha G. Samuels  
Notary Public

My commission expires:

April 30, 2020



Dec. 4, 2018  
Date

SMG  
Inventor: Steven M. Girvin  
Address: 30 Deepwood Drive  
Hamden, Connecticut 06517  
Citizenship: US

STATE/Commonwealth of Connecticut  
COUNTY OF New Haven

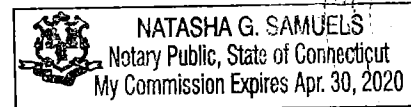
On this 4th day of December, 2018 before me, the undersigned notary public,  
personally appeared Steven M. Girvin, proved to me through satisfactory evidence of  
identification, which were Dr. Girvin's ID shown personally to me,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Natasha G. Samuels  
Notary Public

My commission expires:

April 30, 2020



\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Brian Lester

Address: 275 Winchester Avenue

Apt. 419

New Haven, Connecticut 06511

Citizenship: US

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared \_\_\_\_\_ Brian Lester \_\_\_\_\_, proved to me through satisfactory evidence of  
identification, which were \_\_\_\_\_,

to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

10 DEC 2018

Date

Inventor: Yvonne Gao

Address: 150 Bradley Street  
#1

New Haven, Connecticut 06511

Citizenship: Republic of Singapore

STATE/Commonwealth of  
COUNTY OF

SINGAPORE

On this 10<sup>th</sup> day of December, 2018, before me, the undersigned notary public, personally appeared Yvonne Gao, proved to me through satisfactory evidence of identification, which were REPUBLIC OF SINGAPORE IDENTITY CARD NO. 888744298 to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires:



\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Robert J. Schoelkopf III

Address: 44 Northwood Road

Madison, Connecticut 06443

Citizenship: \_\_\_\_\_

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_:

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public, personally appeared Robert J. Schoelkopf III, proved to me through satisfactory evidence of identification, which were \_\_\_\_\_, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_



## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Yale University**, a Connecticut Corporation having a place of business at **Two Whitney Avenue, New Haven, Connecticut, 06511**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application filed in the United States Patent and Trademark Office on **September 19, 2018** under Application No. **62/733,326**, bearing Attorney Docket No. **Y0087.70135US01**, and entitled **ROBUST QUANTUM LOGICAL GATES**, the Inventions, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States and its possessions and territories, internationally, including all Patent Cooperation Treaty (PCT) and national phase applications, and in all foreign countries, including but not limited to China, Japan, and The Republic of Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction for the Inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to apply for patent rights in and claim priority for China, Japan, and The Republic of Korea, and the right to claim priority to the patent application under the International Convention for the Protection of Industrial Property and the European Patent Convention, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all Inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the Inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the Inventions and for vesting title to the Inventions and all applications for patents and all patents on the Inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments; and

6. Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Liang Jiang

Address: 185 White Birch Drive  
Guilford, Connecticut 06437

Citizenship: People's Republic of China

STATE/Commonwealth of \_\_\_\_\_  
COUNTY OF \_\_\_\_\_:

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared \_\_\_\_\_ Liang Jiang \_\_\_\_\_, proved to me through satisfactory evidence of  
identification, which were \_\_\_\_\_,

to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Steven M. Girvin

Address: 30 Deepwood Drive

Hamden, Connecticut 06517

Citizenship: US

STATE/COMMONWEALTH OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared Steven M. Girvin, proved to me through satisfactory evidence of  
identification, which were \_\_\_\_\_,

to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Brian Lester

Address: 275 Winchester Avenue

Apt. 419

New Haven, Connecticut 06511

Citizenship: US

STATE/Commonwealth of \_\_\_\_\_

COUNTY OF \_\_\_\_\_ :

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared \_\_\_\_\_ Brian Lester \_\_\_\_\_, proved to me through satisfactory evidence of  
identification, which were \_\_\_\_\_,

to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor: Yvonne Gao

Address: 150 Bradley Street  
#1

New Haven, Connecticut 06511

Citizenship: Republic of Singapore

STATE/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_ :

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared \_\_\_\_\_ Yvonne Gao \_\_\_\_\_, proved to me through satisfactory evidence of  
identification, which were \_\_\_\_\_,

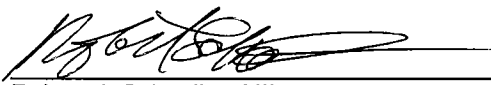
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

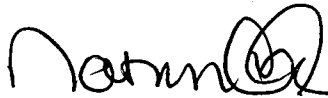
12/18/18  
Date

  
Inventor: Robert J. Schoelkopf III  
Address: 44 Northwood Road  
Madison, Connecticut 06443  
Citizenship:

STATE/Commonwealth of Connecticut  
COUNTY OF New Haven:

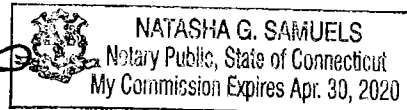
On this 18th day of December, 2018, before me, the undersigned notary public,  
personally appeared Robert J. Schoelkopf III, proved to me through satisfactory evidence of  
identification, which were known to me,  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

  
Notary Public

My commission expires:

April 30, 2020



## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:


1. Sell, assign and transfer to **Yale University**, a Connecticut Corporation having a place of business at **Two Whitney Avenue, New Haven, Connecticut, 06511**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application filed in the United States Patent and Trademark Office on **September 19, 2018** under Application No. **62/733,326**, bearing Attorney Docket No. **Y0087.70135US01**, and entitled **ROBUST QUANTUM LOGICAL GATES**, the Inventions, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States and its possessions and territories, internationally, including all Patent Cooperation Treaty (PCT) and national phase applications, and in all foreign countries, including but not limited to China, Japan, and The Republic of Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction for the Inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to apply for patent rights in and claim priority for China, Japan, and The Republic of Korea, and the right to claim priority to the patent application under the International Convention for the Protection of Industrial Property and the European Patent Convention, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all Inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the Inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the Inventions and for vesting title to the Inventions and all applications for patents and all patents on the Inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
5. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments; and



6. Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This instrument is signed under the pains and penalties of perjury under the laws of the United States of America.

12/20/2018  
Date

  
Inventor: Brian Lester  
Address: 2010 Fifth Street  
Unit 567  
Berkeley, CA 94710  
Citizenship: US

STATE/Commonwealth of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, before me, the undersigned notary public,  
personally appeared Brian Lester, proved to me through satisfactory evidence of  
identification, which were \_\_\_\_\_  
to be the person who signed the preceding or attached document in my presence and swore or affirmed  
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge  
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

*\* PLEASE "ATTACHED" NOTARY SEAL*  
\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

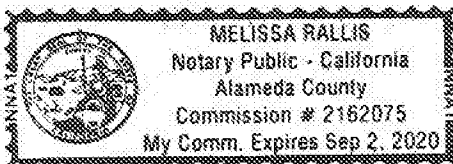
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
 County of ALAMEDA )  
 On 12/20/2018 before me, MELISSA RALLIS (NOTARY PUBLIC)  
 Date Here Insert Name and Title of the Officer  
 personally appeared BRIAN LESTER  
 Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Melissa Rallis  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document** Assignment  
 Title or Type of Document: \_\_\_\_\_ Document Date: 12/20/2018  
 Number of Pages: 5/7 Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: BRIAN LESTER  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☒ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☒ Other: INVENTOR  
 Signer Is Representing: ITSELF

Signer's Name: \_\_\_\_\_  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Individual ☐ Attorney in Fact  
☐ Trustee ☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_  
 Signer Is Representing: \_\_\_\_\_