#### 506873114 09/16/2021

### **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date		
ERIC DUDLEY	07/02/2020		

#### **RECEIVING PARTY DATA**

Name:	PSIQUANTUM, CORP.
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16920055

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<b>ATTORNEY DOCKET NUMBER:</b> 104456-1147668-000910US			
NAME OF SUBMITTER:	KRISTINA ALVAREZ		
SIGNATURE:	/Kristina Alvarez/		
DATE SIGNED:	09/16/2021		

#### **Total Attachments: 2**

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PATENT 506873114 REEL: 057502 FRAME: 0953

Attorney Docket No. 104456-1147668-000910US

#### ASSIGNMENT

(Patent Application)

I, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

## "CRYOGENIC MICROFLUIDIC COOLING FOR PHOTONIC INTEGRATED CIRCUITS,"

the specification of	which is	provided	with	this Assig	nment	and	identified	by	the
Attorney Docket No. above.	(Serial No.	_16/920	,055	filed on	July 2	2, 20	20		_)

For good and valuable consideration, the receipt and sufficiency of which I acknowledge, I:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Psiquantum, Corp., a corporation having a principal place of business at 700 Hansen Way, Palo Alto, CA 94304 ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
  - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
  - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

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# ASSIGNMENT CRYOGENIC MICROFLUIDIC COOLING FOR PHOTONIC INTEGRATED CIRCUITS

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- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon me, as well as my heirs, legal representatives, and assigns.
- 5. Promise and affirm that I have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
- 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside my signature.

Signature:		Eric Dudley	Date:	7/2/2020
	Eric Dudley			
73607040V.1				

PATENT REEL: 057502 FRAME: 0955

RECORDED: 09/16/2021