

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6349055

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHANTANU DEBNATH	10/13/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IONQ, INC.
<b>Street Address:</b>	4505 CAMPUS DRIVE
<b>City:</b>	COLLEGE PARK
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20740
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17069120
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(213)629-7401
<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>	2136297400
<b>Email:</b>	patentdocket@arentfox.com
<b>Correspondent Name:</b>	ARENT FOX LLP- LOS ANGELES
<b>Address Line 1:</b>	555 WEST FIFTH STREET
<b>Address Line 2:</b>	48TH FLOOR
<b>Address Line 4:</b>	LOS ANGELES, CALIFORNIA 90013
<b>ATTORNEY DOCKET NUMBER:</b>	038510-00130
<b>NAME OF SUBMITTER:</b>	DIANA FIGUEROA
<b>SIGNATURE:</b>	/Diana Figueroa/
<b>DATE SIGNED:</b>	10/14/2020
<b>Total Attachments: 2</b>	
source=038510-00130-SignedAssignment#page1.tif	
source=038510-00130-SignedAssignment#page2.tif	

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

IonQ, Inc.  
4505 Campus Drive  
College Park, MD 20740

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled

FAST COOLING OF ION MOTION IN A LONG CHAIN USING LOCAL MODES

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

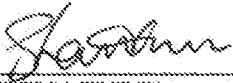
filed on October 13, 2020, Serial No. 17/069,120  
(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any inter partes review, post-grant review, derivation, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such inter partes review, post-grant review, derivation, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

  
.....  
(SIGNATURE)

Shantanu DEBNATH  
.....

10/13/2020  
.....  
(DATE)