

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES A. KING	11/27/2019
WILLIAM W. BERNOUDY	11/22/2019
KELLY T. R. BOOTHBY	11/25/2019
PAU FARRE PEREZ	11/20/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	D-WAVE SYSTEMS INC.
<b>Street Address:</b>	3033 BETA AVENUE
<b>City:</b>	BURNABY
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V5G 4M9
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17988250
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)621-8783
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<b>Phone:</b>	(206) 340-1000
<b>Email:</b>	SClayton@cozen.com
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<b>ATTORNEY DOCKET NUMBER:</b>	240105.618C1/00562875
<b>NAME OF SUBMITTER:</b>	FRANK ABRAMONTE
<b>SIGNATURE:</b>	/Frank Abramonte/
<b>DATE SIGNED:</b>	12/22/2023
<b>Total Attachments: 4</b>	
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# ASSIGNMENT

WHEREAS, we,

Name	Address	
James A. King	3033 Beta Avenue, Burnaby, BC V5G 4M9 CANADA	;
William W. Bernoudy	3033 Beta Avenue, Burnaby, BC V5G 4M9 CANADA	;
Kelly T. R. Boothby	3033 Beta Avenue, Burnaby, BC V5G 4M9 CANADA	; and
Pau Farré Pérez	3033 Beta Avenue, Burnaby, BC V5G 4M9 CANADA	

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the listed inventors of the provisional patent application entitled "SYSTEMS AND METHODS FOR HYBRID ALGORITHMS USING CLUSTER CONTRACTION," as filed with the U.S. Patent and Trademark Office on June 13, 2019, and assigned Application No. 62/860,972;

WHEREAS,

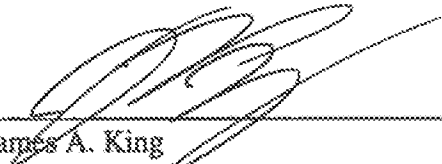
Corporation Name	Address
D-Wave Systems Inc.	3033 Beta Avenue, Burnaby, BC V5G 4M9 CANADA

(hereinafter referred to as ASSIGNEE), a Canadian corporation having a business address at the address listed above, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said provisional patent application and the invention(s) disclosed therein, and any and all letters patent(s) which claim priority to said provisional application and any and all letters patent(s) which claim the invention(s) disclosed therein and which may be granted in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States provisional application to which said foreign applications are entitled by virtue of

international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent(s); said invention, provisional application and all letters patent(s) on said invention or claiming priority to said provisional application to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Nov 27, 2019  
Date

  
James A. King

City of BELLEVUE )  
Province of WASHINGTON )

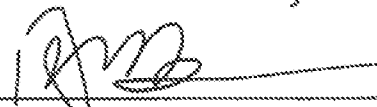
ss.

I certify that I know or have satisfactory evidence that James A. King signed this instrument of their own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date Nov 27, 2019  
(Type or Print)

Signed at BELLEVUE, WA

GUANG-TONG ZHOU  
(Type or Print Name of Witness)

  
(Signature of Witness)

November 22, 2019  
Date

William Bernoudy  
William W. Bernoudy

City of Burnaby )  
Province of British Columbia )

ss.

I certify that I know or have satisfactory evidence that William W. Bernoudy signed this instrument of their own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date Nov 22, 2019  
(Type or Print)

Signed at Burnaby, BC

Trani Lawes  
(Type or Print Name of Witness)

[Signature]  
(Signature of Witness)

Nov 25 2019  
Date

Kelly B  
Kelly T. R. Boothby

City of Burnaby )  
Province of BC )

ss.

I certify that I know or have satisfactory evidence that Kelly T. R. Boothby signed this instrument of their own free will, as a voluntary act for the uses and purposes mentioned in the instrument.


Date Nov 25, 2019  
(Type or Print)

Signed at Burnaby, BC

Trani Lawes  
(Type or Print Name of Witness)

[Signature]  
(Signature of Witness)

November 20th, 2019  
Date

  
Pau Farré Pérez

City of Burnaby )  
Province of British Columbia )

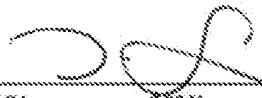
ss.

I certify that I know or have satisfactory evidence that Pau Farré Pérez signed this instrument of their own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date NOV 29, 2019  
(Type or Print)


Signed at Burnaby, BC

Tiani Lawes  
(Type or Print Name of Witness)

  
(Signature of Witness)

D-WAVE SYSTEMS INC.

8-11-2020  
Date

  
(Signatory Signature) (Assignee)

Tanya J. Rothe, General Counsel  
(Assignee Signatory Name, Title)