

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8164171

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL I. BUNYK	12/12/2018
JAMES A. KING	12/12/2018
MURRAY C. THOM	12/18/2018
MOHAMMAD H. AMIN	12/19/2018
ANATOLY SMIRNOV	12/14/2018
SHEIR YARKONI	01/09/2019
TREVOR M. LANTING	12/14/2018
ANDREW D. KING	01/02/2019
KELLY T. R. BOOTHBY	12/18/2018
RECEIVING PARTY DATA	
Name:	D-WAVE SYSTEMS INC.
Street Address:	3033 BETA AVENUE
City:	BURNABY
State/Country:	CANADA
Postal Code:	V5G 4M9
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17387654
CORRESPONDENCE DATA	
Fax Number:	(206)621-8783
<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>	
Phone:	(206) 340-1000
Email:	SClayton@cozen.com
Correspondent Name:	FRANK ABRAMONTE
Address Line 1:	999 THIRD AVENUE
Address Line 2:	SUITE 1900
Address Line 4:	SEATTLE, WASHINGTON 98104
ATTORNEY DOCKET NUMBER:	240105.592C1/00524542
NAME OF SUBMITTER:	FRANK ABRAMONTE

PATENT

SIGNATURE:	/Frank Abramonte/
DATE SIGNED:	09/13/2023
Total Attachments: 8 source=592C1_Assignment_Inventors#page1.tif source=592C1_Assignment_Inventors#page2.tif source=592C1_Assignment_Inventors#page3.tif source=592C1_Assignment_Inventors#page4.tif source=592C1_Assignment_Inventors#page5.tif source=592C1_Assignment_Inventors#page6.tif source=592C1_Assignment_Inventors#page7.tif source=592C1_Assignment_Inventors#page8.tif	

ASSIGNMENT

WHEREAS, we,

Name	Address
Paul I. Bunyk	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
James A. King	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Murray C. Thom	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Mohammad H. Amin	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Anatoly Smirnov	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Sheir Yarkoni	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Trevor M. Lanting	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Andrew D. King	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9
Kelly T. R. Boothby	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the listed inventors/applicants of the provisional patent application entitled "ERROR REDUCTION AND,

OR, CORRECTION IN ANALOG COMPUTING INCLUDING QUANTUM PROCESSOR-BASED COMPUTING," as filed with the U.S. Patent and Trademark Office on February 28, 2018, and assigned Application No. 62/636,688;

WHEREAS,

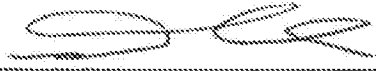
Corporation Name	Address
D-Wave Systems Inc.	3033 Beta Avenue Burnaby, British Columbia, Canada V5G 4M9

(hereinafter referred to as ASSIGNEE), a corporation of Canada 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.

Date Dec. 12, 2018


Paul I. Bunyk

City of Burnaby)
Province of BC)


ss.

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

Date Dec 12, 2018
(Type or Print)

Signed at Burnaby, BC

Tiani Lawes
(Type or Print Name of Witness)


(Signature of Witness)

Date Dec. 12, 2018


James A. King

City of BURNABY)
Province of BC)


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 Dec 12, 2018
(Type or Print)

Signed at Burnaby, BC

Tiani Lawes
(Type or Print Name of Witness)


(Signature of Witness)

2018 Dec 18th
Date

Murray C. Thom
Murray C. Thom

City of Vancouver)

Province of BC)

ss.

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

Date Dec 18, 2018
(Type or Print)

Signed at Burnaby, BC

Tiani Lowes
(Type or Print Name of Witness)

[Signature]
(Signature of Witness)

Dec. 19, 2018
Date

M. Amin
Mohammad H. Amin

City of Burnaby)

Province of BC)

ss.

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

Date Dec 19, 2018
(Type or Print)

Signed at Burnaby, BC

Tiani Lowes
(Type or Print Name of Witness)

[Signature]
(Signature of Witness)

14 December 2018
Date



Anatoly Smirnov

City of Burnaby)
Province of BC)

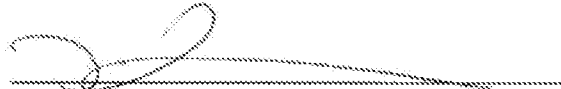
ss.

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

Date Dec 14, 2018
(Type or Print)

Signed at Burnaby BC

Tami Lowe
(Type or Print Name of Witness)


(Signature of Witness)

Date

Sheir Yarkoni

City of)
Province of)

ss.

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

Date
(Type or Print)

Signed at

(Type or Print Name of Witness)

(Signature of Witness)

14 December 2018
Date



Anatoly Smirnov

City of Burnaby)
Province of BC)

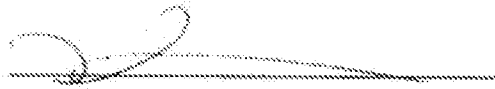
ss.

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

Date Dec 14, 2018
(Type or Print)

Signed at Burnaby BC

Tiani Lowe
(Type or Print Name of Witness)


(Signature of Witness)

Jan 9, 2019
Date



Sheir Yarkoni

City of Burnaby)
Province of BC)

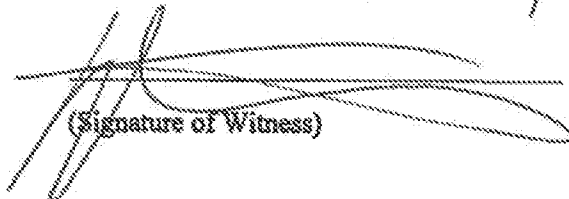
ss.

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

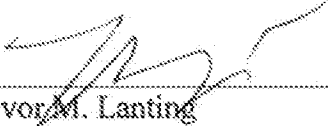
Date Jan 9, 2019
(Type or Print)

Signed at Munich, Germany

GABRIELE CORPOSTELLA
(Type or Print Name of Witness)


(Signature of Witness)

14 DECEMBER 2018
Date


Trevor M. Lanting

City of BURNABY)
Province of BC)


ss.

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

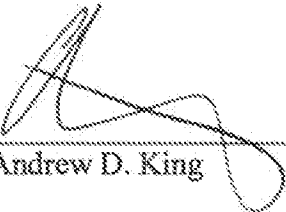
Date Dec 14, 2018
(Type or Print)

Signed at Burnaby, BC

TIANI LOWES
(Type or Print Name of Witness)


(Signature of Witness)

Jan 2 2019
Date


Andrew D. King

City of Burnaby)
Province of BC)

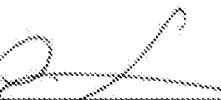
ss.

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

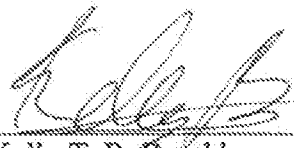
Date Jan 2, 2019
(Type or Print)

Signed at Burnaby, BC

TIANI LOWES
(Type or Print Name of Witness)


(Signature of Witness)

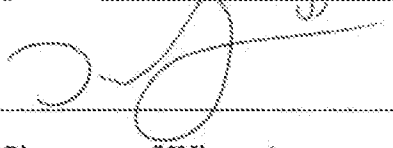
Date Dec 18 2018
City of Burraby)
Province of BC)


Kelly T. R. Boothby

ss.

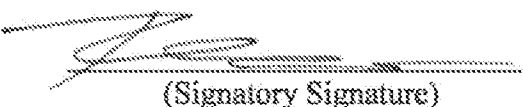
I certify that I know or have satisfactory evidence that Kelly T. R. Boothby signed this instrument of their own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date Dec 18, 2018
(Type or Print)
Tiani Jones
(Type or Print Name of Witness)

Signed at Burraby, BC

(Signature of Witness)

D-WAVE SYSTEMS INC.

9-Jan-2019
Date


(Signatory Signature) (Assignee)

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