

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6848568

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MURRAY C. THOM	03/30/2017
AIDAN P. ROY	03/30/2017
FABIAN A. CHUDAK	03/29/2017
ZHENGBING BIAN	03/29/2017
WILLIAM G. MACREADY	03/30/2017
ROBERT B. ISRAEL	03/30/2017
TOMAS J. BOOTHBY	03/30/2017
SHEIR YARKONI	07/04/2017
YANBO XUE	11/03/2018
DMYTRO KORENKEVYCH	11/15/2018
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:	16778295
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:	2063401000
Email:	gdunn@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:	240105.57001C1/465242

PATENT

NAME OF SUBMITTER:	FRANK ABRAMONTE
SIGNATURE:	/Frank Abramonte/
DATE SIGNED:	08/04/2021
Total Attachments: 8 source=57001C1_Assignment from parent#page1.tif source=57001C1_Assignment from parent#page2.tif source=57001C1_Assignment from parent#page3.tif source=57001C1_Assignment from parent#page4.tif source=57001C1_Assignment from parent#page5.tif source=57001C1_Assignment from parent#page6.tif source=57001C1_Assignment from parent#page7.tif source=57001C1_Assignment from parent#page8.tif	


ASSIGNMENT

WHEREAS, we, Murray C. Thom, Aidan P. Roy, Fabian A. Chudak, Zhengbing Bian, William G. Macready, Robert B. Israel, Tomas J. Boothby, Sheir Yarkoni, Yanbo Xue, and Dmytro Korenkevych (hereinafter referred to as ASSIGNORS), all having a mailing address of 3033 Beta Avenue, Burnaby, British Columbia, Canada V5G 4M9, are the joint inventors of an invention entitled "SYSTEMS AND METHODS FOR ANALOG PROCESSING OF PROBLEM GRAPHS HAVING ARBITRARY SIZE AND/OR CONNECTIVITY" as described and claimed in the specification for which an application for United States letters patent was filed on March 2, 2017, and assigned Application No. 15/448,361;

WHEREAS, D-Wave Systems Inc. (hereinafter referred to as ASSIGNEE), a corporation of Canada having a place of business at 3033 Beta Avenue, Burnaby, British Columbia, Canada V5G 4M9, 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, in exchange for good and 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 invention, said application and any and all letters patent which may be granted for said invention 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 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; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns 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.

2017 March 30th
Date


Murray C. Thom

City of Burnaby)
Province of BC)

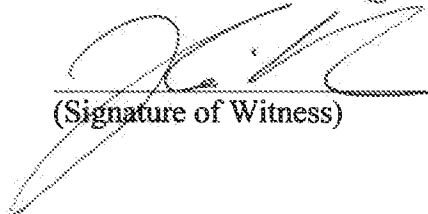
ss.

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

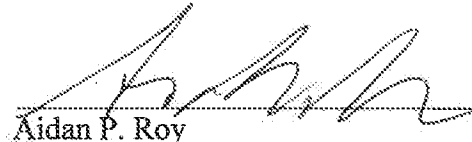
Date March 30th, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Domina
(Type or Print Name of Witness)


(Signature of Witness)

Mar 30/2017
Date


Aidan P. Roy

City of Burnaby)
Province of BC)

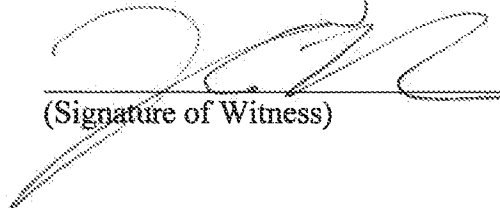
ss.

I certify that I know or have satisfactory evidence that Aidan P. Roy signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

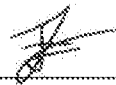
Date March 30, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Domina
(Type or Print Name of Witness)


(Signature of Witness)

29 MARCH 2017
Date


Fabian A. Chudak

City of BURNABY)
Province of BC)

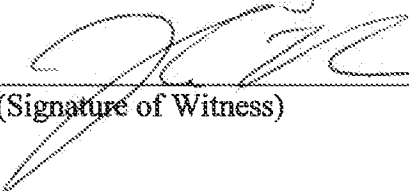
ss.

I certify that I know or have satisfactory evidence that Fabian A. Chudak signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date March 29, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Domino
(Type or Print Name of Witness)


(Signature of Witness)

Mar. 29, 2017
Date


Zhengbing Bian

City of Burnaby)
Province of B.C.)

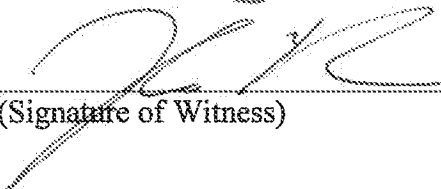
ss.

I certify that I know or have satisfactory evidence that Zhengbing Bian signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date March 29, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Domino
(Type or Print Name of Witness)


(Signature of Witness)

Mar 30, 2017
Date

William G. Macready
William G. Macready

City of Burnaby)
Province of BC)

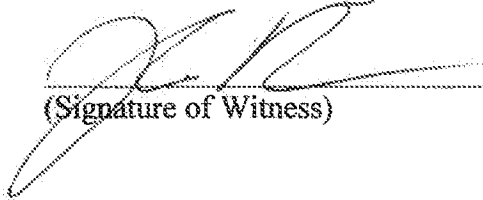
ss.

I certify that I know or have satisfactory evidence that William G. Macready signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date March 30, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Domino
(Type or Print Name of Witness)


(Signature of Witness)

March 30, 2017
Date

Robert B. Israel
Robert B. Israel

City of Burnaby)
Province of BC)

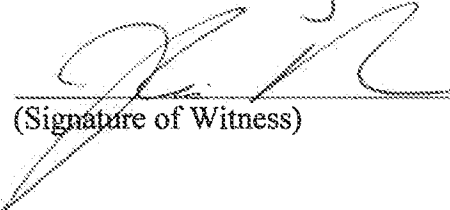
ss.

I certify that I know or have satisfactory evidence that Robert B. Israel signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date March 30, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Domino
(Type or Print Name of Witness)


(Signature of Witness)

Date Mar 30 2017

Tomas J. Boothby
Tomas J. Boothby

City of Burnaby
Province of BC

ss.

I certify that I know or have satisfactory evidence that Tomas J. Boothby signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date March 30, 2017
(Type or Print)

Signed at Burnaby, BC

Kimberly Dumano
(Type or Print Name of Witness)

[Signature]
(Signature of Witness)

Date July 4, 2017

[Signature]
Sheir Yarkoni

City of Munich
Province of Bavaria, Germany

ss.

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

Date July 4th, 2017
(Type or Print)

Signed at Munich, Germany

Laura Sellmer
(Type or Print Name of Witness)

[Signature]
(Signature of Witness)

Nov. 3rd, 2018

Date


Yanbo Xue

City of Toronto)

Province of ON)

ss.

I certify that I know or have satisfactory evidence that Yanbo Xue signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Nov 3rd, 2018
(Type or Print)

Signed at Toronto, ON

Qunchao Li
(Type or Print Name of Witness)


(Signature of Witness)

_____ Date

_____ Dmytro Korenkevych

_____ City of _____)

_____ Province of _____)

ss.

I certify that I know or have satisfactory evidence that Dmytro Korenkevych signed this instrument of his/her 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)

Nov. 3rd, 2018

Date



Yanbo Xue

City of Toronto)

Province of ON)

ss.

I certify that I know or have satisfactory evidence that Yanbo Xue signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date Nov 3rd, 2018
(Type or Print)

Signed at Toronto, ON

Qunchao Li
(Type or Print Name of Witness)


(Signature of Witness)

11/15/2018
Date



Dmytro Korenkevych

City of Toronto)

Province of ON)

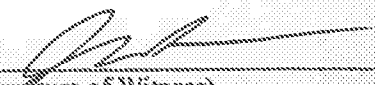
ss.

I certify that I know or have satisfactory evidence that Dmytro Korenkevych signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date 11/15/2018
(Type or Print)

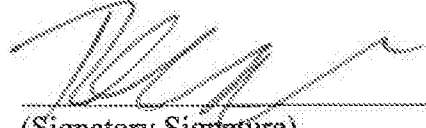
Signed at Toronto, Ontario

James Bergrin
(Type or Print Name of Witness)


(Signature of Witness)

D-WAVE SYSTEMS INC.

21-NOV-2018
Date



(Signatory Signature) (Assignee)

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

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