

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4671334

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	FIRAS HAMZE	08/19/2015
	ANDREW DOUGLAS KING	08/19/2015
	JACK RAYMOND	08/19/2015
	AIDAN PATRICK ROY	09/09/2015
	ROBERT ISRAEL	08/19/2015
	EVGENY ANDRIYASH	08/19/2015
	MANI RANJBAR	08/19/2015
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:	15505522	
CORRESPONDENCE DATA		
Fax Number:	(206)682-6031	
<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:	2066224900	
Email:	ErinS@SeedIP.com	
Correspondent Name:	SEED IP LAW GROUP LLP	
Address Line 1:	701 FIFTH AVENUE	
Address Line 2:	SUITE 5400	
Address Line 4:	SEATTLE, WASHINGTON 98104	
ATTORNEY DOCKET NUMBER:	240105.55501USPC	
NAME OF SUBMITTER:	FRANK ABRAMONTE	
SIGNATURE:	/Frank Abramonte/	
DATE SIGNED:	11/02/2017	

PATENT

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, Firas Hamze, Andrew Douglas King, Jack Raymond, Aidan Patrick Roy, Robert Israel, Evgeny Andriyash and Mani Ranjbar (hereinafter referred to as ASSIGNORS), each having a post office address of 3033 Beta Avenue, Burnaby, British Columbia, Canada V5G 4M9; are the listed inventors/applicants, along with Catherine McGeoch, of the international patent application entitled "SYSTEMS AND METHODS FOR PROBLEM SOLVING, USEFUL FOR EXAMPLE IN QUANTUM COMPUTING" for which an application was filed on August 21, 2015 with the U.S. Receiving Office of the PCT and assigned Application No. PCT/US2015/046393, and for which claims the benefit of U.S. Provisional Application, filed on August 22, 2014 and assigned Application No. 62/040,643; and for which claims the benefit of U.S. Provisional Application, filed on August 22, 2014 and assigned Application No. 62/040,646; and for which claims the benefit of U.S. Provisional Application, filed on August 22, 2014 and assigned Application No. 62/040,661;

WHEREAS, D-Wave Systems Inc. (hereinafter referred to as ASSIGNEE), a Canadian corporation 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 international application and in and to any letters patent(s) that claim the priority benefit of the international patent application 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.

Assignee's counsel is authorized to insert the official filing date and application number information when it becomes available.

19. Aug 2015
Date

Firas Hamze
Firas Hamze

City of BURNABY

Province of BRITISH COLUMBIA ss.

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

Date 19-AUG-15
(Type or Print)

Signed at BURNABY, BC.

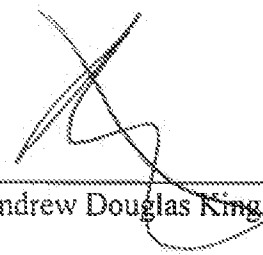
Laurie JOBB
(Type or Print Name of Witness)

[Signature]
(Signature of Witness)

August 19 2015
Date

City of Burnaby

Province of BC


Andrew Douglas King

ss.

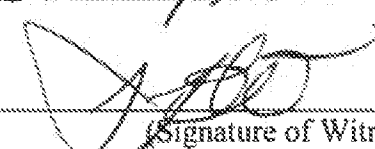
I certify that I know or have satisfactory evidence that Andrew Douglas King signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date 19-AUG-15
(Type or Print)

Signed at

BURNABY, BC

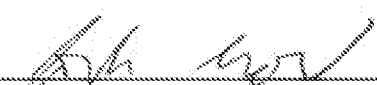
Laurie Jobb
(Type or Print Name of Witness)


(Signature of Witness)

19-AUG-2015
Date

City of BURNABY

Province of BC


Jack Raymond

ss.

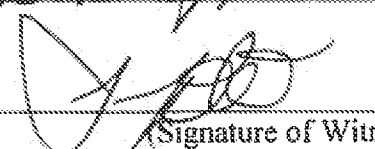
I certify that I know or have satisfactory evidence that Jack Raymond signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date 19-AUG-15
(Type or Print)

Signed at

BURNABY, BC

Laurie Jobb
(Type or Print Name of Witness)


(Signature of Witness)

Date September 9/2015Aidan Patrick Roy
Aidan Patrick RoyCity of BURBARYProvince of B.C.

ss.

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

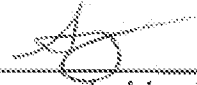
Date 9-SEP-15
(Type or Print)Signed at BURBARY, BC.LAURIE JOBB
(Type or Print Name of Witness)[Signature]
(Signature of Witness)Date August 19 2015Robert B Israel
Robert IsraelCity of BURBARYProvince of BRITISH COLUMBIA

ss.

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

Date 19-AUG-15
(Type or Print)Signed at BURBARY, BC.LAURIE JOBB
(Type or Print Name of Witness)[Signature]
(Signature of Witness)

August 19, 2015
Date


Evgeny Andriyash

City of BURNABY, B.C.

Province of B.C.

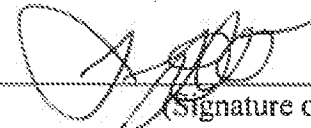
ss.

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


Date 19-AUG-15
(Type or Print)

Signed at BURNABY, B.C.

LAURIE JOBB
(Type or Print Name of Witness)


(Signature of Witness)

August 19, 2015
Date


Mani Ranjbar

City of Burnaby B.C.

Province of B.C.

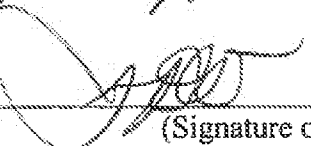
ss.

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


Date 19-AUG-15
(Type or Print)

Signed at BURNABY, B.C.

LAURIE JOBB
(Type or Print Name of Witness)


(Signature of Witness)

SEP 9, 2015
Date


D-Wave Systems Inc. (Assignee)
A Canadian Corporation

Tanva J. Rothe, General Counsel & Director of IP
(Assignee Signatory Name, Title)

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