PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD H.S. AMIN	07/08/2014
TREVOR MICHAEL LANTING	07/08/2014
COLIN ENDERUD	07/11/2014

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:	15641051

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	240105.537D1/437992
NAME OF SUBMITTER:	FRANK ABRAMONTE
SIGNATURE:	/Frank Abramonte/
DATE SIGNED:	04/16/2021

Total Attachments: 4

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> **PATENT** REEL: 055943 FRAME: 0471 506614108

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PATENT REEL: 055943 FRAME: 0472

ASSIGNMENT

WHEREAS, we, Mohammad H.S. Amin, Trevor Michael Lanting, and Colin Enderud (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 of the provisional patent application entitled "SYSTEMS AND METHODS FOR ACHIEVING ORTHOGONAL CONTROL OF NON-ORTHOGONAL QUBIT PARAMETERS," as filed with the U.S. Patent and Trademark Office on July 23, 2013, and assigned Application No. 61/857,601;

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 provisional patent application and in and to any letters patent(s) that claim the priority benefit of the provisional patent application in the United States and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is 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.

> PATENT REEL: 055943 FRAME: 0473

J. V 8, 2014 Date	1. A. L:
Date /	Mohammad H.S. Amin
City of Driving Province of 16	SS.
	ve satisfactory evidence that Mohammad H.S. Amin
signed this instrument of his/her own fre mentioned in the instrument.	e will, as a voluntary act for the uses and purposes
Date 2014 July 8	Signed at Burning BC
Miles F. H. STEWWARE	1/25Z=
(Type or Print Name of Witness)	(Signature of Witness)

406-F0-8	
Date	Trevor Michael Canting
City of BURNABY	SS.
Province of	
I certify that I know or I	have satisfactory evidence that Trevor Michael Lanting
signed this instrument of his/her own mentioned in the instrument.	free will, as a voluntary act for the uses and purposes
Date 204 501x 8	Signed at Buwasy BC
(Type or Print)	1.
MILES F. H. STEININGER	1452
(Type or Print Name of Witness)	(Signature of Witness)

JULY 11, 2014	Colin Enderud
Date	Colin Enderud
City of VANCOUVER Province of BRITISH COLUMBIA	SS;
Province of TORITISH COLUMBIA)	
I certify that I know or	have satisfactory evidence that Colin Enderud signed this
instrument of his/her own free will, as	a voluntary act for the uses and purposes mentioned in the
instrument.	
Date 11 July #, 2014 (Type or Print)	Signed at Burnaby, BC
Carrie Cheung	Carrie Jaga
(Type or Print Name of Witness)	(Signature of Witness)

(240105.537P1) 2806528_1

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