506189720 08/05/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
D-WAVE (GOVERNMENT) INC.	11/11/2016

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:	15487295

CORRESPONDENCE DATA

Fax Number: (206)621-8783

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.

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:	ER: 240105.573/438040	
NAME OF SUBMITTER:	FRANK ABRAMONTE	
SIGNATURE:	/Frank Abramonte/	
DATE SIGNED:	08/05/2020	

Total Attachments: 2

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PATENT 506189720 REEL: 053410 FRAME: 0284

ASSIGNMENT

WHEREAS, D-Wave (Government) Inc. (hereinafter referred to as ASSIGNOR), a corporation of the State of Delaware having a place of business at 2650 E. Bayshore Road, Palo Alto, California 94303, is the owner of an invention entitled "SYSTEMS AND METHODS FOR EMBEDDING PROBLEMS INTO AN ANALOG PROCESSOR," as filed with the U.S. Patent and Trademark Office on April 18, 2016, and assigned Application No. 62/324,206;

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 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 are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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: 053410 FRAME: 0285

	D-wave (covernment) inc.
<u>//-ルロリー み ロ / </u>	(Assignor) Tanya J. Rothe, General Counsel
State of <u>BURIARY R.C.</u>) ss. County of <u>CAUAIA</u>	
I certify that I know or have satisfact this instrument of his/her own free will as a the instrument.	tory evidence that /AUVA J - KOUVE_ signed voluntary act for the uses and purposes mentioned in
Date 1-20-38/6 (Type or Print) Augustus (Type or Print Name of Witness)	Signed at Recalably Le. (Signatured Witness)
//-N/N	D-Wave Systems Inc. (Assignee) Tapya J. Rothe, General Counsel
(240105 573P1) 4869357_LixxC	