

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOHAMMAD H.S. AMIN	11/04/2015
MARK W. JOHNSON	11/04/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	D-WAVE SYSTEMS, INC.
<b>Street Address:</b>	3033 BETA AVENUE
<b>City:</b>	BURNABY
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V5G 4M9
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16936742
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	240105.552C1/491664
<b>NAME OF SUBMITTER:</b>	FRANK ABRAMONTE
<b>SIGNATURE:</b>	/Frank Abramonte/
<b>DATE SIGNED:</b>	08/02/2021
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, we, Mohammad H.S. Amin and Mark W. Johnson (hereinafter referred to as ASSIGNORS), both having mailing addresses of 3033 Beta Avenue, Burnaby, British Columbia, Canada V5G 4M9, are the joint inventors of an invention entitled "SYSTEMS AND METHODS EMPLOYING NEW EVOLUTION SCHEDULES IN AN ANALOG COMPUTER WITH APPLICATIONS TO DETERMINING ISOMORPHIC GRAPHS AND POST-PROCESSING SOLUTIONS ," as described and claimed in the specification for which an application for United States letters patent was filed on June 9, 2015 and assigned Application No. 14/734,924, which application claims the benefit of U.S. Provisional Application No. 62/013,393, filed June 17, 2014;

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 invention and in and to any letters patent that may be granted therefor in the United States;

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.

Date Nov. 4, 2015

M. Amin  
Mohammad H.S. Amin

City of Burnaby )  
Province of B.C. )

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

Date Nov 4, 2015  
(Type or Print)

Signed at Burnaby

Laura J. Orr  
(Type or Print Name of Witness)

[Signature]  
(Signature of Witness)

Date Nov 4, 2015

Mark W. Johnson  
Mark W. Johnson

City of Burnaby )  
Province of B.C. )

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

Date 4-Nov-2015  
(Type or Print)

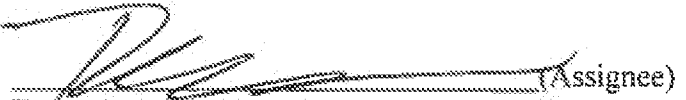
Signed at Burnaby, B.C.

Laura J. Orr

[Signature]

D-Wave Systems Inc.

18-Nov-2015  
Date

 (Assignee)  
Tanya J. Rothe, Esq  
General Counsel & Director of Intellectual Property

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