

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Doyeol AHN	11/19/2009
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION
Street Address:	90 Jeonnong-dong, Dongdaemun-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	130-743
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12633575
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ATTORNEY DOCKET NUMBER:	18122.46
NAME OF SUBMITTER:	R. Burns Israelsen
Total Attachments: 4 source=18122-46-Assignment#page1.tif source=18122-46-Assignment#page2.tif source=18122-46-Assignment#page3.tif source=18122-46-Assignment#page4.tif	

OP \$40.00 12633575

**PATENT**

**501035383**

**REEL: 023622 FRAME: 0979**

**ASSIGNMENT OF PATENT RIGHTS**

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Doyeol AHN, Daerim Apt. 7-1304, 19 Ogeum-dong, Songpa-gu, Seoul 138-737, Republic of Korea ("**Assignor**"),

effective as of Sep. 29, 2008 hereby sells, assigns, transfers, and conveys unto UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION, 90 Jeonnong-dong, Dongdaemun-gu, Seoul 130-743, Republic of Korea ("**Assignee**"), all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Rights**");

1. the inventions disclosed in the solution report/invention disclosure titled A generic method for designing quantum circuit using quantum Karnaugh map and all inventions claimed and/or described in the Application (collectively, the "**Invention**");
2. the patent applications listed in the table below (the "**Application**");

Patent Application No.	Country	Filing Date	Title
12/633,575	U.S.	Dec. 8, 2009	QUANTUM KARNAUGH MAP

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application ("**Potential Patents**");
4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;
5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("**Foreign Rights**"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
6. all rights to claim priority rights deriving from the Application;
7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors,

legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes and requests legal representative Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111 U.S. to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

By:

  
Doyeol AHN

Print name:

Daerim Apt. 7-1304  
19 Ogeum-dong, Songpa-gu  
Seoul 138-737, Republic of Korea

**ATTESTATION**

The undersigned witnessed the signature of Doyeol AHN to this document and makes the following statements:

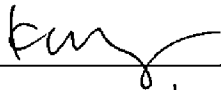
1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

2. Doyeol AHN is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 9 / Nov, 2009, to execute this document.

3. Doyeol AHN subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By:



Print name:

[Name of 1<sup>st</sup> Attestor]

Kang Jeon Hee

By:



Print name:

[Name of 2<sup>nd</sup> Attestor]

Jung seng won

### ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

V I am an officer of the above-identified ASSIGNEE,

V I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors,

and that all the foregoing is true and correct.

Dated: 2009. 11. 19

By:

  
Signature

Name:

MYUNG-DO OH

Title:

Chief, University of Seoul Industry  
Cooperation Foundation