

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4476255

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL H. FREEDMAN	07/31/2013
ZHENGHAN WANG	07/29/2013
ROMAN M. LUTCHYN	07/29/2013
CHETAN NAYAK	07/31/2013
PARSA BONDERSON	07/29/2013
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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15632109
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	3382-93892-05
NAME OF SUBMITTER:	MICHAEL D. JONES
SIGNATURE:	/Michael D. Jones/
DATE SIGNED:	06/23/2017
Total Attachments: 10	

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PATENT ASSIGNMENT MS Docket No.: 338472.02

Attorney Docket No.: MS1-5375US

I, Michael H. Freedman ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

Topological Qubit Fusion

("APPLICATION"), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on Aug 1, 2013 and given Application No. 13|957,268 by the following Office US - United States Patent and Trademark Office) this APPLICATION'S Application No., filing date, and Office, when known;
- was filed on _____ and was given Application No. _____ by the following Office "US - United States Patent and Trademark Office";

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:


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PATENT ASSIGNMENT MS Docket No.: 338472.02

Attorney Docket No.: MS1- 5375US

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 Inventor's Signature	<u>July 31, 2013</u> Date
Michael H. Freedman Printed Name in English	 Printed Name in Native Language (if other than English)

I Zhenghan Wang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

Topological Qubit Fusion

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 _____ Inventor's Signature	<u>7/29/13</u> _____ Date
Zhengan Wang _____ Printed Name in English	<u>王正汉</u> _____ Printed Name in Native Language (if other than English)

I, Roman M. Lutchny ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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 _____ Inventor's Signature	<u>07/29/2013</u> _____ Date
Roman M. Lutchyn _____ Printed Name in English	<u>Роман Лутчин</u> _____ Printed Name in Native Language (if other than English)

I Chetan Nayak ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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 Inventor's Signature	July 31, 2013 Date
Chetan Nayak Printed Name in English	 Printed Name in Native Language (if other than English)

I, Parsa Bonderson ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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[X] will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on Aug 1, 2013 and given Application No. 13 1957,268 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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	<u>July 29, 2013</u>
Inventor's Signature	Date
<u>Parsa Bonderson</u>	
Printed Name in English	Printed Name in Native Language (if other than English)