### 505781942 11/19/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5828769

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NICOLAS DELFOSSE	11/11/2019
KRYSTA SVORE	11/08/2019
BENJAMIN W. REICHARDT	11/08/2019

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City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16663018

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ATTORNEY DOCKET NUMBER:	3382-102167-01
NAME OF SUBMITTER:	PATRICK M. BIBLE
SIGNATURE:	/Patrick M. Bible/
DATE SIGNED:	11/19/2019

#### **Total Attachments: 6**

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### PATENT ASSIGNMENT

I, Nicolas Delfosse ("ASSIGNOR"), am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "FAULT-TOLERANT QUANTUM ERROR CORRECTION WITH LINEAR
CODES" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on, and given Application No by the following Office: United States Patent and Trademark Office) this APPLICATION's Application No. filing date, and Office, when known;
was filed on October 24, 2019, and was given Application No.
16/663,018 by the following Office "United States Patent and
Trademark Office";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part,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;

Application No.	Filing Date	Office
16/663,018	October 24, 2019	Redwest D 2293

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (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).

Milose-	November 11th 2019
Inventor's Signature	Date
Nicolas DELFOSSE	
Printed Name in English	Printed Name in Native Language (if
	other than English)

# PATENT ASSIGNMENT

I, Krysta Svore ("ASSIGNOI	R"), am the original invento	or or an original joint
inventor of subject matter ("INVE	ENTION") disclosed and/or	claimed in a patent
application entitled "FAULT-TOL	ERANT QUANTUM ERROR	CORRECTION WITH LINEAR
CODES" ("APPLICATION"), which:		
legal representa Microsoft Way, R REPRESENTATIVE and given Applic United States Pa	tives, of Microsoft Techno ledmond, Washington 980	152 (ASSIGNEE'S LEGAL theses (filed on, ne following Office: 2) this APPLICATION's
	ober 24, 2019, and was gi the following Office "Unite e";	- "
Microsoft Technology Lice	ensing, LLC, a Washington	limited liability company, on
behalf of itself and its successor	s and assigns ("ASSIGNEE"	), is entitled to, and is
desirous of acquiring, the entire	and exclusive rights, title	and interest, including the
right of priority, in the INVENTIC	N and the APPLICATION (a	and all other applications and
patents derived therefrom, such	as continuing applications	s, in whole or in part,in and
for the United States, its territori	ies, and all foreign countri	es ("APPLICATION
DERIVATIVES"));		
•	•	EE'S LEGAL REPRESENTATIVES
to insert the Application No., fili	- ·	e following table for any
APPLICATION DERIVATIVES after	they are known,	
Application No.	Filing Date	Office

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (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).

10 P	11/0/10
Inventor's Signature	Date
Krysta SVORE	
Printed Name in English	Printed Name in Native Language (if
	other than English)

# PATENT ASSIGNMENT

I, Benjamin W. Reichardt ( joint inventor of subject matter of application entitled "FAULT-TOL CODES" ("APPLICATION"), which:	("INVENTION") disclosed ar ERANT QUANTUM ERROR		
legal representa Microsoft Way, F REPRESENTATIVI and given Applic United States Pa	tives, of Microsoft Techno tedmond, Washington 980	theses (filed on, ne following Office:  this APPLICATION's	
was filed on October 24, 2019, and was given Application No.  16/663,018 by the following Office "United States Patent and  Trademark Office";			
behalf of itself and its successor desirous of acquiring, the entire right of priority, in the INVENTIC patents derived therefrom, such for the United States, its territor DERIVATIVES"));	s and assigns ("ASSIGNEE" and exclusive rights, title IN and the APPLICATION (a as continuing application ies, and all foreign countri	and interest, including the and all other applications and s, in whole or in part,in and	
to insert the Application No., fili APPLICATION DERIVATIVES after	ng date, and Office into th		
Application No.	Filing Date	Office	

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries (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 Date

Benjamin W. REICHARDT

Printed Name in English Printed Name in Native Language (if other than English)

PATENT REEL: 051055 FRAME: 0407

**RECORDED: 11/19/2019**