# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6350000

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SIMON MARTIEL	05/19/2020
ELISE RUBAT CIAGNUS	10/09/2020

#### **RECEIVING PARTY DATA**

Name:	BULL SAS		
Street Address:	RUE JEAN JAURÉS		
City:	LES CLAYES-SOUS-BOIS		
State/Country:	FRANCE		
Postal Code:	78340		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16756145	

## **CORRESPONDENCE DATA**

**Fax Number:** (703)816-4100

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.

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Correspondent Name: NIXON & VANDERHYE P.C.

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ATTORNEY DOCKET NUMBER:	7179-0343
NAME OF SUBMITTER:	ERIC JENSEN
SIGNATURE:	/ERIC JENSEN/
DATE SIGNED:	10/14/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 2** 

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PATENT 506303251 REEL: 054054 FRAME: 0293

#### ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, <u>BULL SAS</u>, hereinafter referred to as "assignee(s)", whose address is <u>Rue Jean Jaurès 78340</u> <u>LES CLAYES SOUS BOIS, France</u>, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I hereby declare that:			
This assignment and declaration is directed to:		The attached application, or	
	$\boxtimes$	United States Application or PCT International Application Number PCT/FR2018/052543 filed on October 12, 2018 (Confirmation No)	

The application is entitled: OPTIMIZATION OF A QUANTUM CIRCUIT BY INSERTING SWAP GATES

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Simon	Family Name/Surname(s) MARTIEL	
	and V		
Inventor's Signature:		Date 19/05/2020	
Given Name(s)	Elise	Family Name/Surname(s) RUBAT CIA	GNUS
Inventor's Signature:		Date	

PATENT REEL: 054054 FRAME: 0294

## ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, <u>BULL SAS</u>, hereinafter referred to as "assignee(s)", whose address is <u>Rue Jean Jaurès 78340</u> <u>LES CLAYES SOUS BOIS</u>, <u>France</u>, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor:

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, l/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

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Given Name(s)	Simon	Family Name/Surname(s)	MARTIEL
Inventor's Signature:		Date	
Given Name(s)	Elise	Family Name/Surname(s)	RUBAT CIAGNUS
Inventor's Signature:	Quy ye	Date	09/10/2020

PATENT REEL: 054054 FRAME: 0295

RECORDED: 10/14/2020