

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5281378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KONSTANTINOS CHALKIAS	11/29/2018
RECEIVING PARTY DATA	
Name:	R3 LTD.
Street Address:	2 LONDON WALL PLACE
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC2Y 5AU
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62658474
Application Number:	16024604
CORRESPONDENCE DATA	
Fax Number:	(206)359-7198
<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>	
Phone:	(206)359-8000
Email:	patentprocurement@perkinscoie.com
Correspondent Name:	PERKINS COIE LLP
Address Line 1:	PO BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	118168-8012.US00 & US02
NAME OF SUBMITTER:	TORI ASHFORD-DOWNING
SIGNATURE:	/Tori Ashford-Downing/
DATE SIGNED:	12/13/2018
Total Attachments: 2	
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PATENT ASSIGNMENT

I Konstantinos Chalkias ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BLOCKCHAIN POST-QUANTUM SIGNATURE SCHEME"), which:

- ☐ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, R3 Ltd., 2 London Wall Place, London, EC2Y 5AU (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ 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 April 16, 2018 as U.S. Provisional Application No. 62/658,474 and on June 29, 2018 as U.S. Non-Provisional Application No. 16/024,604 by the following Office "US – United States Patent and Trademark Office";

R3 Ltd., having its principal place of business at 2 London Wall Place, London, EC2Y 5AU, 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

PATENT ASSIGNMENT

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

November 29, 2018

Date

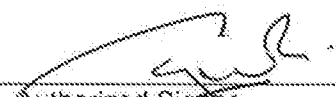
Konstantinos Chalkias

Printed Name in English

For R3 LTD.:

Date: _____

Signature



Authorized Signer

Clive Cooke

Authorized Signer – Printed Name

Director

Authorized Signer – Title