

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6969070

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHUBO LI	06/19/2021
Yixiang Zhang	04/19/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ADVANCED NEW TECHNOLOGIES CO., LTD.
<b>Street Address:</b>	27 HOSPITAL ROAD
<b>Internal Address:</b>	CAYMAN CORPORATE CENTRE
<b>City:</b>	GEORGE TOWN, GRAND CAYMAN
<b>State/Country:</b>	CAYMAN ISLANDS
<b>Postal Code:</b>	KY1-9008
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17405689
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	
<b>Phone:</b>	+1 (512) 226-8107
<b>Email:</b>	nagle@fr.com, apsi@fr.com
<b>Correspondent Name:</b>	LAURA A. DALY
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	44892-0870002/PCT18972USC
<b>NAME OF SUBMITTER:</b>	SARAH NAGLE
<b>SIGNATURE:</b>	/Sarah Nagle/
<b>DATE SIGNED:</b>	10/14/2021
<b>Total Attachments: 3</b>	
source=44892-0870002_parent_Assignment-signed#page1.tif	
source=44892-0870002_parent_Assignment-signed#page2.tif	
source=44892-0870002_parent_Assignment-signed#page3.tif	

ASSIGNMENT and CONFIRMATION

For valuable consideration, the receipt of which acknowledge, and intending to be bound legally, we, SHUBO LI, and YIXIANG ZHANG, individually assign to ADVANCED NEW TECHNOLOGIES CO., LTD., a corporation formed under the laws of Cayman Islands and having a principal place of business at 27 Hospital Road, Cayman Corporate Centre, George Town, Grand Cayman, CAYMAN ISLANDS KY1-9008, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual, and if joint inventors also our joint, right, title, and interest throughout the world in the invention(s) (the "Subject Matter") of the below listed patent applications (collectively, the "Applications") that name the above inventor(s):

Patent application titled "BLOCKCHAIN-BASED SERVICE DATA ENCRYPTION METHOD AND APPARATUS" that was filed on November 12, 2018 as application CN201811338344.8;

Patent Cooperation Treaty patent application titled "BLOCKCHAIN-BASED SERVICE DATA ENCRYPTION METHOD AND APPARATUS" that claims priority to the above listed application and was filed on September 16, 2019 as application PCT/CN2019/106017; and

Patent application titled "BLOCKCHAIN-BASED SERVICE DATA ENCRYPTION METHODS AND APPARATUSES" that claims priority to the above listed applications and was or will be filed in the United States Patent and Trademark Office on January 29, 2021, as application 17/161,836.

I (the singular in each instance hereafter meaning myself individually as well as, if joint inventors, we inventors jointly) authorize Assignee and its representative to insert any, and to make typographical corrections of, identification or other information in this Assignment and Confirmation (hereafter the "Assignment") that may be necessary or desirable in order to record this document any place in the world.

The Subject Matter of the Applications was developed as part of, and the forgoing assignment occurred on or before the earliest application filing date noted above by operation of my employment and/or agreements with Assignee. Should I have any remaining interest, I

hereby assign and transfer as of said earliest application filing date any and all such right, title or interest I may have in said Subject Matter of the Applications to Assignee.

This Assignment assigns, in addition to the Subject Matter of the Applications, (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights, including in continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties, national laws, patent office rules or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I acknowledge the duty to disclose information known to be material to patentability of the Subject Matter and will communicate to the Assignee (or, at the request of the Assignee to other parties) all known such information and all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Shubo Li  
 Shubo Li

Date: 2021.6.19



---

Yixiang Zhang

Date: 2021  
~~2020~~/04/19