

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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PENG ZHANG	05/29/2020
YUHONG LIU	05/29/2020
RACHAEL BROOKS	05/29/2020
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Property Type	Number
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NAME OF SUBMITTER:	RON JACOBS
SIGNATURE:	/Ron Jacobs/
DATE SIGNED:	09/20/2022
Total Attachments: 4	
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ASSIGNMENT OF INVENTION

Docket No.: **SCU-155**
PID: 29755 US **63/031887**

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **May 29, 2020**, by and between **Rachael Brooks** of **San Diego, CA, US**, (the "Assignor") and **Santa Clara University**, an entity whose address is **500 El Camino Real, Santa Clara, CA 95053-0461, USA** (the "Assignee").

1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in patent application **63/031887** filed **5/29/2020** entitled **Blockchain based Secure Software Updates for IoT Devices** naming Assignor as an inventor (the "Application"); (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.

2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).

3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.

4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.

5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of **May 29, 2020**.

Signature: *Rachael Brooks*
Inventor: **Rachael Brooks**

ASSIGNMENT OF INVENTION

Docket No.: **SCU-155**
PID: 29755 US **63/031887**

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **May 29, 2020**, by and between **Peng Zhang** of **Shenzhen, China**, (the "Assignor") and **Santa Clara University**, an entity whose address is **500 El Camino Real, Santa Clara, CA 95053-0461, USA** (the "Assignee").

1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in patent application **63/031887** filed **5/29/2020** entitled **Blockchain based Secure Software Updates for IoT Devices** naming Assignor as an inventor (the "Application"); (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.

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Assignor has executed this Assignment as of the Effective Date of **May 29, 2020**.

Signature: Peng Zhang
Inventor: **Peng Zhang**

ASSIGNMENT OF INVENTION

Docket No.: **SCU-155**
PID: 29755 US **63/031887**

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **May 29, 2020**, by and between **Gabriel Jerome Solomon** of **Campbell, CA, US**, (the "Assignor") and **Santa Clara University**, an entity whose address is **500 El Camino Real, Santa Clara, CA 95053-0461, USA** (the "Assignee").

1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in patent application **63/031887** filed **5/29/2020** entitled **Blockchain based Secure Software Updates for IoT Devices** naming Assignor as an inventor (the "Application"); (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.

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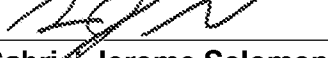
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Assignor has executed this Assignment as of the Effective Date of **May 29, 2020**.

Signature:  Signed by me (Gabriel Jerome Solomon) with agreement as
Inventor: **Gabriel Jerome Solomon** stated by Santa Clara University Vice Provost of Research
as attached to this document and dated 5/4/2021.

ASSIGNMENT OF INVENTION

Docket No.: **SCU-155**
PID: 29755 US **63/031887**

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **May 29, 2020**, by and between **Yuhong Liu** of **San Jose, CA, US**, (the "Assignor") and **Santa Clara University**, an entity whose address is **500 El Camino Real, Santa Clara, CA 95053-0461, USA** (the "Assignee").

1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in patent application **63/031887** filed **5/29/2020** entitled **Blockchain based Secure Software Updates for IoT Devices** naming Assignor as an inventor (the "Application"); (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.

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Assignor has executed this Assignment as of the Effective Date of **May 29, 2020**.

Signature: *Yuhong Liu*

Inventor: **Yuhong Liu**