

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15618653
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<b>SIGNATURE:</b>	/Sean MacDavitt/
<b>DATE SIGNED:</b>	06/12/2017
<b>Total Attachments: 2</b>	

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## ASSIGNMENT

We, Bryan Ford of Lausanne, Switzerland, Linus Gasser of Lonay, Switzerland, Eleftherios Kokoris Kogias of Ecublens VD, Switzerland and Philipp Jovanovic of Prilly, Switzerland, in consideration of One Dollar and other valuable consideration paid to us by

Ecole Polytechnique Federale de Lausanne (EPFL)

having its principal place of business at EPFL-TTO, EPFL Innovation Park J, CH-1015 Lausanne, Switzerland, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Ecole Polytechnique Federale de Lausanne (EPFL)

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

### **CRYPTOGRAPHICALLY VERIFIABLE DATA STRUCTURE HAVING MULTI-HOP FORWARD AND BACKWARDS LINKS AND ASSOCIATED SYSTEMS AND METHODS**

described in the following applications:

☒ United States Patent Application No. 15/618,653 , filed on June 9, 2017

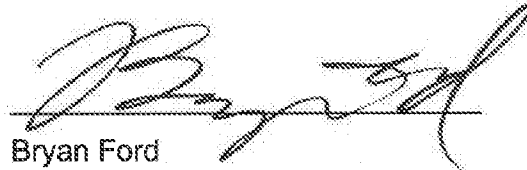
in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said Assignee and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

And we do further hereby grant the attorneys/agents of McCarter & English, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

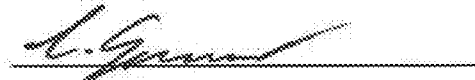
Signature of inventor:

Date: 9 Jun 2017

  
Bryan Ford

Signature of inventor:

Date: June 9<sup>th</sup>, 2017

  
Linus Gasser

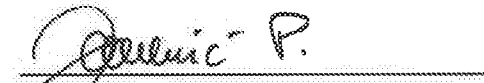
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Date: June 9<sup>th</sup>, 2017

  
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Signature of inventor:

Date: June 9<sup>th</sup>, 2017

  
Philipp Jovanovic