

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6301356

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ANDREW POELSTRA	09/11/2020
	GLENN WILLEN	09/13/2020
	GREGORY MAXWELL	09/11/2020
	GREGORY SANDERS	09/11/2020
	JONAS NICK	09/11/2020
	MATT COROLLO	09/15/2020
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BLOCKSTREAM CORPORATION	
<b>Street Address:</b>	1000 DE LA GAUCHETIERE STREET WEST	
<b>Internal Address:</b>	SUITE 2100	
<b>City:</b>	MONTREAL	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	H3B 4W5	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15934847
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>	415-705-6377	
<b>Email:</b>	tnoah@dergnoah.com, lbultema@dergnoah.com	
<b>Correspondent Name:</b>	TODD A. NOAH	
<b>Address Line 1:</b>	ONE EMBARCADERO CENTER	
<b>Address Line 2:</b>	SUITE 350	
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94111	
<b>ATTORNEY DOCKET NUMBER:</b>	1748.05US	
<b>NAME OF SUBMITTER:</b>	LEANNA BULTEMA	
<b>SIGNATURE:</b>	/Leanna Bultema/	
<b>DATE SIGNED:</b>	09/16/2020	

PATENT

**Total Attachments: 2**

source=Assignment#page1.tif

source=Assignment#page2.tif

ASSIGNMENT

WHEREAS, we, Andrew Poelstra, Glenn Willen, Gregory Maxwell, Gregory Sanders, Jonas Nick, and Matt Corollo, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ADDRESS WHITELISTING USING PUBLIC/PRIVATE KEYS AND RING  
SIGNATURE

Filing Date: March 23, 208

Application No.: 15/934,847

WHEREAS, Blockstream Corporation, a Canadian corporation, located at 1000 de La Gauchetiere Street West, Suite 2100, Montreal, QC H3B 4W5, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors agree to execute all papers necessary in connection with the Application in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

Assignors agree to execute all papers necessary in connection with any litigation or any other administrative or judicial proceeding in the United States, Patent Cooperation Treaty, European Patent Office and any other foreign countries concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom and any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

Assignors agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignors agree to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any

of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

Assignors hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, and (ii) as Assignee of the entire interest, and hereby covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the date indicated below.

Date: 9/11/2020	DocuSigned by: <i>Andrew Poelstra</i> 1F5C3E5B78ED4EC... Andrew Poelstra
Date: 9/13/2020	DocuSigned by: <i>Glenn Willen</i> 8F2E4525AE6E490... Glenn Willen
Date: 9/11/2020	DocuSigned by: <i>Gregory Maxwell</i> C1FE5975F6304C0... Gregory Maxwell
Date: 9/11/2020	DocuSigned by: <i>Gregory Sanders</i> 374CAF4730C749B... Gregory Sanders
Date: 9/11/2020	DocuSigned by: <i>Jonas Nick</i> 54F5CD17D7E3416... Jonas Nick
Date: 9/15/2020	DocuSigned by: <i>Matt Corollo</i> C4FFFE409A324A7... Matt Corollo