PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL JOSEPH	09/04/2019

RECEIVING PARTY DATA

Name:	NCHAIN HOLDINGS LTD
Street Address:	44 CHURCH STREET
City:	ST. JOHNS
State/Country:	ANTIGUA AND BARBUDA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16492019

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NAME OF SUBMITTER:	SCOTT S. ADAMS
SIGNATURE:	/Scott S. Adams/
DATE SIGNED:	09/06/2019

Total Attachments: 4

source=2019-09-06_0108792-090US0_	_WP388Executed_Assignment_from_Priority_Application_	_GB_1703 <mark>56</mark> 2
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PATENT REEL: 050298 FRAME: 0116 505659724

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, the INVENTOR listed below with corresponding citizenship and mailing address,

 Daniel Joseph, a citizen of United Kingdom, and having a mailing address of Daniel Joseph, c/o UDL, Churchill House, Churchill Way, Cardiff, CF10 2HH, UNITED KINGDOM

has invented certain new and useful improvements in

"Computer-Implemented System and Method"
as described and set forth in the GB Patent Application No. 1703562.7 filed on 6 March 2017
(Company Reference No. WP388),

herein referred to as the "PATENT APPLICATION,"

AND WHEREAS, nChain Holdings Ltd., hereinafter referred to as the "COMPANY", a corporation of Antigua and Barbuda, whose address is 44 Church Street, St. Johns, Antigua, is desirous of acquiring or confirming its acquisition of all rights, title and interests in and to any and all rights arising out of the PATENT APPLICATION;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the INVENTOR, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, has sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the following (collectively, the "RIGHTS"):

- 1. All rights, title and interest in and to the PATENT APPLICATION:
- 2. All rights, title and interest in and to all patent applications filed throughout the world (including any international PCT patent application and any national stage patent application or other patent application filed in a specific country) claiming priority rights from the PATENT APPLICATION (collectively, the "RELATED APPLICATIONS");
- All rights, title and interest with respect to any direct or indirect divisional, continuation, continuation in-part, reissue, re-examination or other patent application or patent claiming priority rights from the PATENT APPLICATION and/or the RELATED APPLICATIONS;
- 4. The right to claim priority rights deriving from the PATENT APPLICATION and/or the RELATED APPLICATIONS:
- All rights, title and interest in and to any inventions claimed or described in the PATENT APPLICATION or RELATED APPLICATIONS, in any form or embodiment thereof (collectively, "the INVENTIONS");
- All rights, title and interest in and to all patent applications or other governmental grants or issuances that may be granted throughout the world with respect to the INVENTIONS;
- 7. All causes of action and remedies related to any or all of the RIGHTS (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
- 8. Any and all other rights and interests arising out of, or regarding, or in relation to the RIGHTS.

ASSIGNMENT OF PATENT RIGHTS

Furthermore, the INVENTOR does hereby agree to sign all documents and do such additional acts that are deemed necessary, in the sole opinion of the COMPANY, to perfect enjoyment of the RIGHTS, conduct proceedings regarding the RIGHTS (including any illigation or interference proceedings), or perfect or defend title to the RIGHTS in the COMPANY, all without further compensation. The INVENTOR does hereby request the respective patent or government agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the RIGHTS in the name of the COMPANY, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of the COMPANY, its successors, legal representatives, and assigns and will be binding upon the INVENTOR.

Print name:

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ASSIGNMENT OF PATENT RIGHTS

y: //	Date: 4/5w//2019
Daniel Joseph	
ATTESTATION	
The undersigned witnessed the signature of Daniel Joseph to this d statements:	ocument and makes the following
1. Daniel Joseph is personally known to me (or proved to me or and appeared before me on 4/1/201) 2. Daniel Joseph subscribed to this document.	the basis of satisfactory evidence) to execute this document.
I declare under penalty of perjury that the foregoing is true and corre	ect,
Print name: WILLIAM CHELTON	•

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