

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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STEFAN THOMAS	11/15/2019
PETER KREY	11/08/2019
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15662096
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ATTORNEY DOCKET NUMBER:	030900-000610US
NAME OF SUBMITTER:	ILONA WORMACK
SIGNATURE:	/Ilona Wormack/
DATE SIGNED:	11/21/2019
Total Attachments: 3	
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source=030900-000610US_Executed_Assignment2#page2.tif	

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, each of the following:

Stefan Thomas, a resident of San Francisco, CA, US; Peter Krey, a resident of San Francisco, CA, US

hereinafter referred to as "Assignor," is an inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ELECTRONIC PAYMENT NETWORK SECURITY
Filing Date: July 27, 2017
Application No.: 15/662,096; and

WHEREAS Ripple Luxembourg S.A, a corporation located at 4, rue de Henri Schuadt, L-2530 Luxembourg, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by each Assignor, each Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by each and all Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Each Assignor further agrees that he/she will, without charge to each Assignor, and at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Each Assignor hereby authorizes and requests Morris & Kamlay LLP, 1911 Fort Myer Drive, Suite 1050, Arlington, VA 22209, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Each Assignor has signed on the date indicated.

Dated: [Signature] 11/15/19

[Signature]
Stefan Thomas

Dated: _____

Peter Krey

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, each of the following:

Stefan Thomas, a resident of **San Francisco, CA, US**; **Peter Krey**, a resident of **San Francisco, CA, US**

hereinafter referred to as “Assignor,” is an inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ELECTRONIC PAYMENT NETWORK SECURITY**

Filing Date: July 27, 2017

Application No.: 15/662,096; and

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Each Assignor hereby authorizes and requests Morris & Kamlay LLP, 1911 Fort Myer Drive, Suite 1050, Arlington, VA 22209, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Each Assignor has signed on the date indicated.

Dated: _____

Stefan Thomas

Dated: 11/8/2019

Peter Krey

PK