505655874 09/05/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JERRY PERULLO	09/04/2019

RECEIVING PARTY DATA

Name:	INTERCONTINENTAL EXCHANGE HOLDINGS, INC.	
Street Address:	5660 NEW NORTHSIDE DRIVE, 3RD FLOOR	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30328	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16561295

CORRESPONDENCE DATA

Fax Number: (215)656-3301

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.

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Email: pto.phil@us.dlapiper.com

Correspondent Name: IP GROUP OF DLA PIPER LLP (US)

Address Line 1: ONE LIBERTY PLACE

Address Line 2: 1650 MARKET ST, SUITE 5000

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	ICE-18-1347R
NAME OF SUBMITTER:	NANCY NUNEZ
SIGNATURE:	/NN/
DATE SIGNED:	09/05/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 050278 FRAME: 0634

COMBINED DECLARATION/ASSIGNMENT

WHEREAS, I, Jerry Perullo of 397 Beverly Road NE, Atlanta, GA 30309 (hereinafter referred to as "the undersigned"), have made an invention entitled MULTI-SIGNATURE VERIFICATION NETWORK, identified in US Application No. 16/561,295 (DLA Piper is authorized to insert the US Serial No. when known),

the above-identified application was made or authorized to be made by the person executing this Declaration;

I believe that I am the original inventor of a claimed invention in the application;

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 USC §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Intercontinental Exchange Holdings, Inc., with offices at 5660 New Northside Drive, 3rd Floor, Atlanta, GA 30328 (hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the date set forth below.

September 4, 2019	Gric
Date	Jerry Perullo

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RECORDED: 09/05/2019