PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL WOLF	12/06/2021
KEVIN OSBORN	12/03/2021

RECEIVING PARTY DATA

Name:	CAPITAL ONE SERVICES, LLC
Street Address:	1680 CAPITAL ONE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17888830

CORRESPONDENCE DATA

Fax Number: (216)916-2459

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.

Phone: 2167811212

Email: patents@walterhav.com

Correspondent Name: WALTER | HAVERFIELD, LLP, JAMES J. PINGOR

Address Line 1: THE TOWER AT ERIEVIEW

Address Line 2: 1301 EAST 9TH STREET, STE 3500

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	77000-013US000
NAME OF SUBMITTER:	JAMES J. PINGOR
SIGNATURE:	/James J. Pingor/
DATE SIGNED:	08/16/2022

Total Attachments: 1

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PATENT 507441181 REEL: 060821 FRAME: 0915

PATENT ASSIGNMENT

We, Michael Wolf and Kevin Osborn ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTHENTICATION OF CONTACTLESS TRANSACTIONS" ("APPLICATION"), which:

	<i>"</i>
authorizes, and requests A Tower at Erieview, 1301 E with customer number 2667 filed <u>August 16, 2022</u>) this	ithout this executed PATENT ASSIGNMENT. ASSIGNOR hereby SSIGNEE'S legal representatives of Walter Haverfield LLP, The ast 9 th Street, Suite 3500, Cleveland, Ohio 44114, who are associated 72, to insert here in parenthesis (U.S. Serial No. 17/888,830 APPLICATION'S U.S. Serial Number and filing date, when known; and was given U.S. Serial No;
("ASSIGNEE"), is entitled and interest in the INVENT derived therefrom, such as	ces, LLC, on behalf of itself and its successors and assigns to, and is desirous of acquiring, the entire and exclusive rights, title TION and the APPLICATION (and all other applications and patents continuing applications, in and for the United States, its territories, APPLICATION DERIVATIVES");
ASSIGNORS, the ASSIGN	ole consideration, the receipt of which is hereby acknowledged by the NORS hereby sell, assign and transfer to the ASSIGNEE, the entire and interest in the INVENTION and the APPLICATION (and TIVES);
and prosecution of the AF regarding letters patent der	to execute all instruments and documents required for the making PPLICATION (and APPLICATION DERIVATIVES), for litigation ived therefrom, and for the purpose of protecting and perfecting title APPLICATION DERIVATIVES).
-	ament may be executed in counterparts, each of which when so nall be deemed an original, but such counterparts together shall instrument.
	السم DocuSigned by:
12/6/2021	Mike Wolf
Date	Michael Wolf
	DocuSigned by:
12/3/2021	kenin Osborn
Date	Kevin Osborn

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Date

PATENT REEL: 060821 FRAME: 0916

RECORDED: 08/16/2022