507023325 12/13/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAKESH RAMAMURTHY	04/02/2019

RECEIVING PARTY DATA

Name:	VISA INTERNATIONAL SERVICE ASSOCIATION	
Street Address:	P.O. BOX 8999	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94128	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17548919

CORRESPONDENCE DATA

Fax Number: (412)471-4094

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: 412-471-8815

Email: assignments@webblaw.com

Correspondent Name: THE WEBB LAW FIRM/VISA INTERNATIONAL

Address Line 1: ONE GATEWAY CENTER

Address Line 2:420 FT. DUQUESNE BLVD, SUITE 1200Address Line 4:PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	8223-2106989 (3164US02)	
NAME OF SUBMITTER: NATHAN J. PREPELKA, REG. NO. 43,016		
SIGNATURE: /Nathan J. Prepelka/		
DATE SIGNED:	12/13/2021	

Total Attachments: 4

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PATENT 507023325 REEL: 058370 FRAME: 0974

WHEN RECORDED RETURN TO:

The WEBB Law Firm
One Gateway Center
420 Ft. Duquesne Blvd., Suite 1200
Pittsburgh
PA
15222
United States of America

PATENT APPLICATION
Docket No.:
3164US01

	ASSIGNMENT
	the undersigned, hereinafter collectively referred to as "Assignor", have made an ntion entitled
	tem, Method, and Computer Program Product for Authentication by Augmented slity for Fraud Prevention
Said	I invention is disclosed in a United States patent application (the "Application.) which:
	Is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No. with a filing date of Said invention is disclosed in a patent application (the "Application").
Ø	Was previously filed in the United States Patent and Trademark Office on 01-Mar-2019 as Application Serial No. 16/289,806 Said invention is disclosed in a patent application (the "Application").
	Is a United States National Application of PCT International Application No. filed Said invention is disclosed in a patent application (the "Application").
	attorneys of The WEBB Law Firm ereby authorized to insert the serial number and filing date when known)
a cor	Assignee, Visa International Service Association poration of the State of Delaware ig a principal place of business at
desin	Box 8999, San Francisco, CA, 94128, United States of America es to secure the entire right, title and interest in said invention and the patent cation filed thereon.

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PATENT REEL: 058370 FRAME: 0975

ASSIGNMENT 3164US01

For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee: my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, 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. I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty 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 or 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.

I shall 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.

I shall 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, by the 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.

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ASSIGNMENT 3164US01

PATENT REEL: 058370 FRAME: 0976 I 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 Assignee, and (ii) covenant that I have full rights to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith. I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Acknowledgment of this Assignment is made by/on behalf of the Assignee:

Assignee: Visa International Service Association,

Place of Business; P.O. Box 8999, San Francisco, CA, 94128, United States of

America

Signature:

Timothy Bedard, Vice President

_____ Date: _<u>05/0//20/9</u>

Witness:

Signature:

Print Name:

Signature:

Print Name:

Jan Cana

Page _____ of ____4___

ASSIGNMENT 3164US01

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives. Inventor 1 Name:					
Rakesh Ramamurthy					
Inventor's signature: QQUAL Date: 02 - April - 2010					
Witness					
Signature:					
Print Name: VINUTHA S. AMMANAGI					
Signature: Addition 1905					

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ASSIGNMENT 3164US01

PATENT REEL: 058370 FRAME: 0978