

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6724305

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LIANG WANG	01/15/2021
JUNPENG WANG	01/15/2021
CHIRANJEET CHETIA	04/10/2021
SHI CAO	03/02/2021
HARISHKUMAR SUNDARJI MAJITHIYA	01/19/2021
ROSHNI ANN SAMUEL	04/15/2021
MINGHUA XU	02/12/2021
WEI ZHANG	04/13/2021
HAO YANG	04/12/2021
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:	17137524
CORRESPONDENCE DATA	
Fax Number:	(412)471-4094
<i>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.</i>	
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 1200
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	8223-2006401 (4646US02)
NAME OF SUBMITTER:	NATHAN J. PREPELKA, REG. NO. 43,016

PATENT

SIGNATURE:	/Nathan J. Prepelka/
DATE SIGNED:	05/23/2021
Total Attachments: 12 source=Assignment 17137524#page1.tif source=Assignment 17137524#page2.tif source=Assignment 17137524#page3.tif source=Assignment 17137524#page4.tif source=Assignment 17137524#page5.tif source=Assignment 17137524#page6.tif source=Assignment 17137524#page7.tif source=Assignment 17137524#page8.tif source=Assignment 17137524#page9.tif source=Assignment 17137524#page10.tif source=Assignment 17137524#page11.tif source=Assignment 17137524#page12.tif	

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.:

4646US02

ASSIGNMENT

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled

Method, System, and Computer Program Product for Detecting Group Activities in a Network

Said 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").

Was previously filed in the United States Patent and Trademark Office on 30-Dec-2020 as Application Serial No. 17/137,524
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").

(The attorneys of The WEBB Law Firm are hereby authorized to insert the serial number and filing date when known)

The Assignee, Visa International Service Association
a corporation of the State of Delaware
having a principal place of business at
P.O. Box 8999, San Francisco, CA, 94128, United States of America

desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

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.

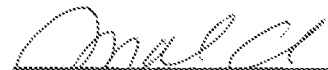
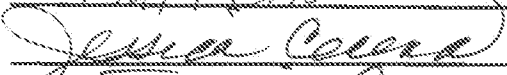
I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that 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:  Date: MAY 14 2021
Timothy Bedard, Vice President

Witness:

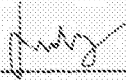
Signature: 
Print Name: Maki Cho
Signature: 
Print Name: Jessica Cowan

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1 Name:

Liang Wang

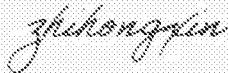
Inventor's signature:



Date: 1/15/2021

Witness

Signature:



Print Name:

Zhihong Xin

Signature:



Print Name:

Junpeng Wang

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 2 Name

Junpeng Wang

Inventor's signature: Junpeng Wang Date: 1/15/2021

Witness

Signature: [Signature]
Print Name: Liang Wang

Signature: [Signature]
Print Name: YAO LI

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 3 Name

Chiranjeet Chatia

Inventor's signature:



Date:

9/10/21

Witness

Signature:



Print Name:

NEHA GARG

Signature:

Print Name:

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 4 Name

Shi Cao

Inventor's signature: Shi Cao Date: Mar 2nd, 21

Witness

Signature: Zhuoying Xie
Print Name: Zhuoying Xie

Signature: _____
Print Name: _____

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor's Name

Harishkumar Sundarji Majithiya

Inventor's signature

Harish

Date

09/19/2021

Witness

Signature:

Khushi

Print Name:

Khushi Majithiya

Signature:

Deepak

Print Name:

Deepak Kumar

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 6 Name:

Roshni Ann Samuel

Inventor's signature:

Roshni

Date: April 13, 2021

Witness

Signature:

Bijoy

Print Name:

Bijoy Varghese

Signature:

Print Name:

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 7 Name

Minghua Xu

Inventor's signature:



Date:

2/12/2021

Witness

Signature:



Print Name:

David Xu

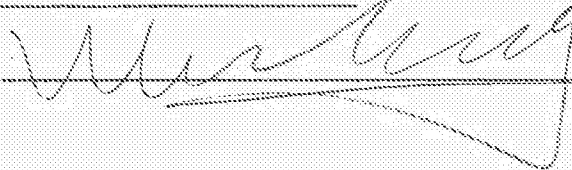
Signature:

Print Name:


This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

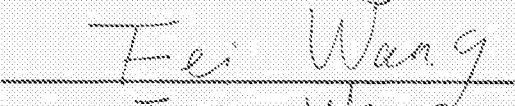
Inventor 8 Name

Wei Zhang

Inventor's signature:  Date: 04/13/2024

Witness

Signature: 
Print Name: Lin Zhang

Signature: 
Print Name: Fei Wang

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives

Inventor 9 Name

Hao Yang

Inventor's signature: Hao Yang Date: 04/12/2021

Witness

Signature: Eric Yang
Print Name: ERIC YANG

Signature: Lingyun Zhang
Print Name: LINGYUN ZHANG