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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSI	ASSIGNMENT			
CONVEYING PARTY DA	ATA					
					Execution Date	
SAYEED MOHAMMED					05/20/2019	
ANJANA NEERA SURIN					06/10/2019	
ANSAR ANSARI					05/31/2019	
RECEIVING PARTY DA	ТА					
Name:	VISA INTERNATIONAL SERVICE ASSOCIATION					
Street Address:	P.O. BC	X 8999				
City:	SAN FF	ANCISCO				
State/Country:	CALIFC	RNIA				
Postal Code:	94128					
Property Type Application Number: 16396		16396325	Number	-		
Application Number: CORRESPONDENCE D Fax Number:		16396325				
Correspondence will be using a fax number, if p	provided	; if that is u	address first; if that is ur insuccessful, it will be se			
Email: vknowles@kilpatricktownsend.com						
•			ATRICK TOWNSEND & STOCKTON EMBARCADERO CENTER			
			ITH FLOOR			
Address Line 4: SAN FRANCISCO, CALIFORNIA 94111						
ATTORNEY DOCKET NUMBER:		07990	00-1126950 (2937US02)			
NAME OF SUBMITTER:		VANE	VANESSA KNOWLES			
SIGNATURE:		/Vane	/Vanessa Knowles/			
DATE SIGNED:			/2019			
Total Attachments: 6 source=2019-08-15_Assig source=2019-08-15_Assig source=2019-08-15_Assig	nment_C	79900-112	6950#page2.tif			
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WHEN RECORDED RETURN TO:

Kilpatrick Townsend & Stockton

Two Embarcadero Center **Eighth Floor** San Francisco CA 94111 United States of America

PATENT APPLICATION Docket No.: 2937US02

ASSIGNMENT

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

SECURE AUTHENTICATION SYSTEM WITH TOKEN SERVICE

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 26-Apr-2019 as Application Serial No. 16/396.325 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 Kilpatrick Townsend & Stockton 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.

Page 1 of 6 ASSIGNMENT 2937US02

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.

Page _2_of _6_

ASSIGNMENT 2937US02

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:

08/01/201 Date: _

Timothy Bedard, Vice President

Witness:

Signature:

Print Name:

Signature:

Print Name:

Page 3 of 6

ASSIGNMENT 2937US02

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives. Inventor 1 Name

Sayeed Mohammed

Inventor's signature:	Rul		Date:	5/20	/2019
	0		ing sti T		

Witness			
Signature	Williami		
Print Name:	PRADNESH KULKARNI		
Signature: Print Name:	RABLO HUBMAN	28 28	

Page <u>4</u> of <u>6</u>

ASSIGNMENT 2937US02

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

Inventor 2 Name

Anjana Neera Surin

Inventor's signature: Aviana N 5 Win	Date: _	06/10/2019
Witness		
Signature: <u>Leila Movahedian</u>		
Signature: <u>Mark (Cline</u>)		

Page <u>5</u> of <u>6</u>

ASSIGNMENT 2937US02

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

Inventor 3 Name

Ansar Ansari	
Inventor's signature:	Date:05/31/19
Witness Signature:	
Print Name: <u>VSophal Chean</u> Signature: <u>JUUU</u> Print Name: <u>DOO A WAOE</u>	

Page_6__of__6

ASSIGNMENT 2937US02

PATENT REEL: 050062 FRAME: 0229

RECORDED: 08/15/2019