

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6570356

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LOKESH BHATNAGAR	11/12/2018
MANOJ BHOKARDOLE	11/12/2018
VINIT JAIN	11/12/2018
HIMANSHU SHARAD BHATT	11/09/2018
GABRIELLA P. FITZGERALD	11/06/2018
CHETAN LOHANI	11/12/2018
SHACHINDRA PANDEY	11/12/2018
GUNJAN PANWAR	11/12/2018
SHOURYA ROY	11/12/2018
DI XU	11/16/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.
<b>Street Address:</b>	200 VESEY STREET
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10285
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17066747
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)951-0933
<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>	
<b>Phone:</b>	7709339500
<b>Email:</b>	claudia.lorenz@thomashorstemeyer.com
<b>Correspondent Name:</b>	THOMAS HORSTEMEYER, LLP
<b>Address Line 1:</b>	3200 WINDY HILL ROAD, SE
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<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	690103-1791

PATENT

<b>NAME OF SUBMITTER:</b>	JOHN L. LYON
<b>SIGNATURE:</b>	/John L. Lyon/
<b>DATE SIGNED:</b>	02/25/2021
<b>Total Attachments: 7</b> source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page1.tif source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page2.tif source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page3.tif source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page4.tif source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page5.tif source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page6.tif source=AXP-4210-US1-CON1__690103-1791__Executed_Assignment#page7.tif	

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET

First Named Inventor:	LOKESH BHATNAGAR	Docket No.:	11655.33800/ AXP-4210-US1
Serial No.:	TBA	Filing Date:	HEREWITH;
Title:	DATA EXTRACTION AND DUPLICATE DETECTION	Confirmation No.:	TBA

Pursuant to 35 U.S.C. 115(e), Applicant herewith submits for recordation a combined declaration and assignment.

Declaration

As the below named inventor, I hereby declare that:

The captioned application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I acknowledge that a person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

Assignment

The undersigned inventor(s) (singly and collectively, "ASSIGNOR") have invented the subject matter disclosed and/or claimed in the captioned patent application ("Inventions").

AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., ("ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of New York having its principal place of business and mailing address at 200 Vesey Street, New York, New York 10285-4900, is desirous of memorializing its interest therein.

The undersigned ASSIGNOR hereby confirms that ASSIGNOR is an employee, past employee or a contractor of ASSIGNEE and that ASSIGNOR developed the Inventions on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the Inventions. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor agrees to, and does hereby irrevocably assign unto Assignee, its successors and assigns, the full and exclusive right, title and interest to the Inventions, as described and/or claimed in the aforesaid

AXP No.: AXP-4210-US1

4637-1125-3110

**PATENT**  
**REEL: 055406 FRAME: 0934**

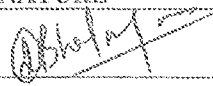

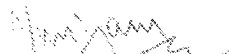
application, including any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, including all rights pursuant to 35 U.S.C. § 154, any copyright and any other intellectual property rights, and including all causes of action related to the foregoing, including the right to sue and recover for, and the right to profits and damages due or accrued arising out of or in connection with any and all past, present or future infringements or dilutions, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to Assignee, for the sole use and benefit of Assignee, its successors, assigns and legal representatives.

For the avoidance of doubt, the present assignment of the captioned application includes the assignment of the India provisional application Serial No. 201811036657 filed September 28, 2018, entitled DATA EXTRACTION AND DUPLICATE DETECTION and covering in whole or in part the same inventions, from which the captioned application claimed priority, and of the right to file patent applications claiming priority thereof in any jurisdiction.

ASSIGNOR, without further remuneration, hereby irrevocably assigns and transfers and agrees to assign and transfer to ASSIGNEE, its successors, assigns and legal representatives a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the Inventions or subject matter, and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE'S full rights, title and interest in and to the invention(s) and subject matter and any improvements and to file any of the aforementioned applications, or to further memorialize ASSIGNEE'S prior agreement to do so.

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with Snell & Wilmer L.L.P., Customer No. 66170, to insert in this assignment the filing date and/or the application number of said application and/or any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
LOKESH BHATNAGAR		12 <sup>th</sup> Nov 2018
HIMANSHU SHARAD BHATT		
MANOJ BHOKARDOLE		12 <sup>th</sup> Nov 2018
GABRIELLA F FITZGERALD		
VINIT JAIN		12 <sup>th</sup> Nov 2018

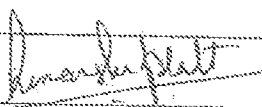
application, including any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, including all rights pursuant to 35 U.S.C. § 154, any copyright and any other intellectual property rights, and including all causes of action related to the foregoing, including the right to sue and recover for, and the right to profits and damages due or accrued arising out of or in connection with any and all past, present or future infringements or dilutions, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to Assignee, for the sole use and benefit of Assignee, its successors, assigns and legal representatives.

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EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
LOKESH BHATNAGAR		
HIMANSHU SHARAD BHATT		Nov-03-2018
MANOJ BHOKARDOLE		
GABRIELLA P FITZGERALD		
VINIT JAIN		

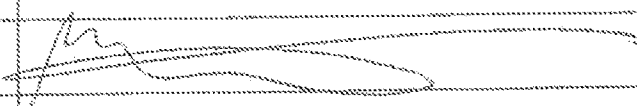
application, including any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, including all rights pursuant to 35 U.S.C. § 154, any copyright and any other intellectual property rights, and including all causes of action related to the foregoing, including the right to sue and recover for, and the right to profits and damages due or accrued arising out of or in connection with any and all past, present or future infringements or dilutions, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to Assignee, for the sole use and benefit of Assignee, its successors, assigns and legal representatives.

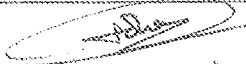
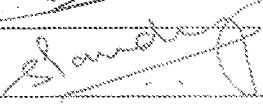

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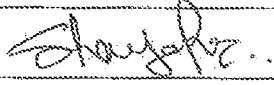
EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
LOKESH BHATNAGAR		
HIMANSHU SHARAD BHATT		
MANOJ BHOKARDOLE		
GABRIELLA F FITZGERALD		11/6/18
VINIT JAIN		

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
CHE TAN LOHANI		12/Nov/2018
SHACHINDRA PANDEY		20th Nov 2018
GUNJAN PANWAR		12th Nov 2018
SHOURYA ROY		
DI XU		

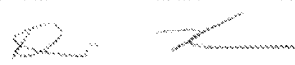
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Serial No.: TBA  
Docket No.: 11655.33800/ AXP-4210-US1

INVENTOR'S LEGAL NAME	SIGNATURE	DATE
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SHACHINDRA PANDEY		
GUNJAN PANWAR		
SHOURYA ROY		12 <sup>th</sup> NOV, 2018
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CHETAN LOHANI		
SHACHINDRA PANDEY		
GUNJAN PANWAR		
SHOURYA ROY		
DI XU		11/16/2018

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