

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5948112

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PIYUSHKUMAR PATEL	12/06/2018
RAJKUMAR BONDUGULA	12/10/2018
RECEIVING PARTY DATA	
Name:	EQUIFAX INC.
Street Address:	1550 PEACHTREE STREET, N.W.
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30309
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16347543
CORRESPONDENCE DATA	
Fax Number:	(404)815-6565
<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:	(404) 815-6500
Email:	JLOPEZ@KILPATRICKTOWNSEND.COM
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP
Address Line 1:	1100 PEACHTREE STREET NE
Address Line 2:	SUITE 2800
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	096923-1129513
NAME OF SUBMITTER:	JOSE R. LOPEZ, JR. PARALEGAL
SIGNATURE:	/JOSE R. LOPEZ, JR./
DATE SIGNED:	02/05/2020
Total Attachments: 4	
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**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS
IN PATENT APPLICATION**

Whereas we, the undersigned inventors ("Assignor"), have invented certain new and useful innovations as set forth in the following patent applications entitled:

**DATA PROCESSING SYSTEMS AND METHODS FOR EFFICIENTLY
TRANSFORMING ENTITY DESCRIPTORS IN TEXTUAL DATA**

(1) International Patent Application No. PCT/US2017/060124 filed with the U.S. Receiving Office on November 6, 2017.

(2) U.S. Provisional Patent Application No. 62/418,543 filed with the U.S. Patent and Trademark Office on November 7, 2016.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to EQUIFAX INC., a Georgia corporation having a principal place of business at 1550 Peachtree Street, N.W., Atlanta, Georgia 30309 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

IN WITNESS WHEREOF, ASSIGNOR has duly executed the Assignment below.

Dated: 12/06/18

Piyush Patel
Piyushkumar Patel

STATE OF GEORGIA
COUNTY OF Forsyth

Before me, a Notary Public in and for the State of GEORGIA, on this 6th day of DECEMBER, 2018, personally appeared Piyushkumar Patel, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



[Signature]
NOTARY PUBLIC

My Commission Expires: 8/9/22

Assignment of Intellectual Property Rights in Application

Patent Application Entitled: Data Processing Systems and Methods for Efficiently Transforming

Entity Descriptors in Textual Data

Attorney Docket No.: 096923-1061620

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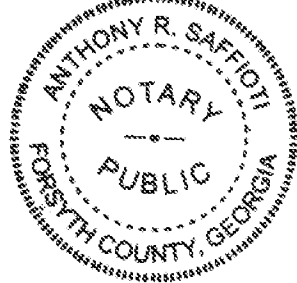
Dated: 12/10/18

B. M. C.
Rajkumar Bondugula

STATE OF GEORGIA
COUNTY OF FORSYTH

Before me, a Notary Public in and for the State of GEORGIA, on this 10th day of DECEMBER 2018, personally appeared Rajkumar Bondugula, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



[Signature]
NOTARY PUBLIC

My Commission Expires: 8/9/22

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to this PATENT APPLICATION.

EQUIFAX INC

By: Elizabeth Lester

Title: Intellectual Property Counsel

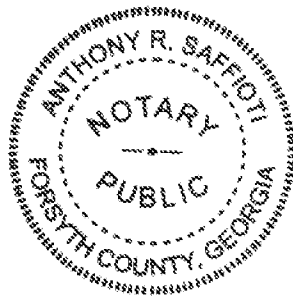
Date: 11/29/18

STATE OF Georgia

COUNTY OF Forsyth

Before me, a Notary Public in and for the State of Georgia, on this 29th day of November 2018, personally appeared ELIZABETH LESTER who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)



Anthony R. Saffioti
NOTARY PUBLIC

My Commission Expires: 8/9/22