

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5540796

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTINA IRENE HALL	10/18/2016
ROBERT BRENT GARDNER	10/13/2016
WILLIAM CURTIS JONES	10/11/2016
CHARLES E. WHEELER	10/24/2016
BRIAN L. WETTER	10/10/2016
RECEIVING PARTY DATA	
Name:	MASTERCARD INTERNATIONAL INCORPORATED
Street Address:	200 PURCHASE STREET
City:	PURCHASE
State/Country:	NEW YORK
Postal Code:	10577
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16422609
CORRESPONDENCE DATA	
Fax Number:	(314)612-2307
<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:	314-621-5070
Email:	USpatents@armstrongteasdale.com
Correspondent Name:	DANIEL M. FITZGERALD (21652) ARMSTRONG T
Address Line 1:	7700 FORSYTH BOULEVARD
Address Line 2:	SUITE 1800
Address Line 4:	ST. LOUIS, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	21652-01283
NAME OF SUBMITTER:	DANIEL M. FITZGERALD
SIGNATURE:	/Daniel M. Fitzgerald/
DATE SIGNED:	05/24/2019
Total Attachments: 7	

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WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Cristina Irene Hall, a citizen of the **United States**, having a residence address at **8700 Lori Drive, Hillsboro, Missouri, 63050**

Robert Brent Gardner, a citizen of the **United States**, having a residence address at **1612 Creightonwood Court, High Ridge, Missouri, 63049**

William Curtis Jones, a citizen of the **United States**, having a residence address at **14 Ravenwood Circle, O'Fallon, Illinois, 62269**

Charles E. Wheeler, a citizen of the **United States**, having a residence address at **6100 McPherson Ave, St Louis, Missouri, 63112**

Brian L. Wetter, a citizen of the **United States**, having a residence address at **1518 Morning Sun Drive, Ballwin, Missouri, 63021**

(hereinafter "ASSIGNORS"), have made an invention entitled "**SYSTEMS AND METHODS FOR ASSESSING DATA QUALITY**" as set forth and described in U.S. Application No. 15/333,283, filed 10/25/2016; International Application No. _____, filed _____; United States Provisional Application No. _____, filed _____; and

WHEREAS, **MASTERCARD INTERNATIONAL INCORPORATED** (hereinafter "ASSIGNEE"), having its principal place of business at **2000 Purchase Street, Purchase, NY 10577**, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the said **ASSIGNORS**, for and in consideration of valuable considerations unto us moving from said **ASSIGNEE**, at or before the ensembling and delivery of these presents, the receipt and sufficiency of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention entitled "**SYSTEMS AND METHODS FOR ASSESSING DATA QUALITY**" and any and all improvements thereto, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing, **TO HAVE AND TO HOLD THE SAME** to the full end of the term or terms for which any and all said Letters Patent may be granted;

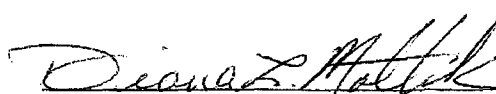
AND WE, the said **ASSIGNORS**, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said **ASSIGNEE**, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns;

AND WE, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said **ASSIGNEE**, its successors and assigns, may be required or necessary more effectively to secure to and vest in said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

AND WE, the said **ASSIGNORS**, hereby authorize and request the attorneys of **ARMSTRONG TEASDALE LLP** to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
18 day of October, 2016.


Cristina Irene Hall


Witness Signature

Diana L. Motlik
Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this
13 day of October, 2016.


Robert Brent Gardner


Witness Signature

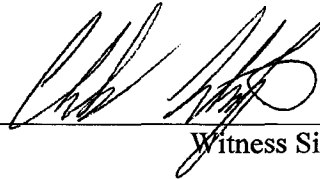
Ashton Tso
Witness Name

MC Ref. P02889-US-UTIL
AT Ref. 21652-00663

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this
11th day of OCTOBER, 2016.



William Curtis Jones



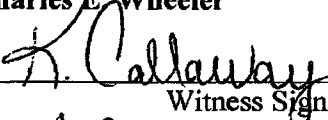
Witness Signature
CHARLES TARRINGTON

Witness Name

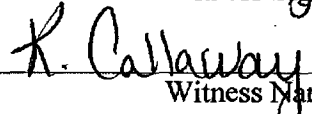
IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this
24 day of October, 2016.



Charles E. Wheeler



Witness Signature

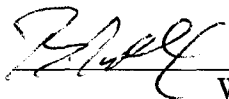


Witness Name

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
10th day of OCTOBER, 2016.



Brian L. Wetter



Witness Signature

Brad M. Tomchek

Witness Name