

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5268895

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATION OF PRIOR ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FLORENT HAY	10/18/2018
KUAN HUA CHEN	10/22/2018
DAVID ANTHONY ROBERTS	10/30/2018
RECEIVING PARTY DATA	
Name:	MASTERCARD INTERNATIONAL INCORPORATED
Street Address:	2000 PURCHASE
City:	PURCHASE
State/Country:	NEW YORK
Postal Code:	10577
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16156560
CORRESPONDENCE DATA	
Fax Number:	(203)972-7627
<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:	2039720006
Email:	venuto@bmtpatent.com, colabella@bmtpatent.com
Correspondent Name:	BUCKLEY, MASCHOFF & TALWALKAR LLC
Address Line 1:	50 LOCUST AVENUE
Address Line 4:	NEW CANAAN, CONNECTICUT 06840
ATTORNEY DOCKET NUMBER:	P04398-US-UTIL (M01.660)
NAME OF SUBMITTER:	KURT M. MASCHOFF
SIGNATURE:	/KMM/
DATE SIGNED:	12/06/2018
Total Attachments: 9	
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CONFIRMATION OF PRIOR ASSIGNMENT

WHEREAS, WE,

Florent Hay, a citizen of France, having a residence address at Clos René Magritte 5, Appartement 2/3, Jette, Belgium 1090,

Kuan Hua Chen, a citizen of the US, having a residence address at 5 Walton House 173 Richmond Road, Kingston Upon Thames, London, UK KT2 5DT,

David Anthony Roberts, a citizen of the United Kingdom, having a residence address at 32 Woodbridge Close Appleton, Warrington, Cheshire, UK WA4 5RD,

(hereinafter "Assignor"), previously executed a WORLDWIDE ASSIGNMENT in favor of **MASTERCARD INTERNATIONAL INCORPORATED**, having its principal place of business at **2000 Purchase Street, Purchase, NY 10577** (hereinafter "Assignee"), in connection with EP Application No. 17196489.3, filed on October 13, 2017 (a copy of such WORLDWIDE ASSIGNMENT being appended hereto);

WHEREAS, the title of the application is mistakenly identified as "IMPROVEMENTS IN ELECTRONIC PAYMENTS" in the WORLDWIDE ASSIGNMENT, while the correct title for the application is "USER AUTHENTICATION AND TRANSACTION STAGING"; and


WHEREAS, Assignor and Assignee wish to confirm the transfer of the entire right, title and interest in the application, the invention disclosed and claimed therein, and all rights associated therewith, as set forth in the WORLDWIDE ASSIGNMENT.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor and Assignee agree that the mistaken application title in the WORLDWIDE ASSIGNMENT was an inadvertent error and does not affect the terms, obligations, and benefits of the WORLDWIDE ASSIGNMENT. Assignor and Assignee hereby acknowledge, confirm, and agree to all the terms, obligations, and benefits set forth in the WORLDWIDE ASSIGNMENT. Nothing in this document shall alter, supplant, or supersede the terms, obligations, and benefits of the WORLDWIDE ASSIGNMENT. The parties hereto agree that this document (with the appended WORLDWIDE ASSIGNMENT) shall be recordable in any and all governmental offices (including but not limited to Patent Offices) for perfecting or otherwise evidencing Assignee's rights as assigned to it under the WORLDWIDE ASSIGNMENT.

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
18th day of October, 2018.



Florent Hay

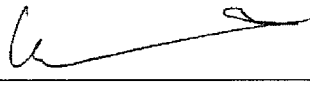


Witness Signature

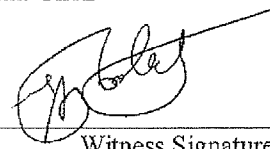
PATRICK MESTRE

Witness Name

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
22 day of October, 2018.



Kuan Hua Chen



Witness Signature

COLLET JEAN-BERNARD

Witness Name

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
_____ day of _____, 2018.

David Anthony Roberts

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this
_____ day of _____, 2018.

Florent Hay

Witness Signature

Witness Name


IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this
_____ day of _____, 2018.

Kuan Hua Chen


Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this
30 day of October, 2018.



David Anthony Roberts



Witness Signature

JAMES S. SIMON

Witness Name

P04398-US-UTIL
(M01.660)

Agreed and accepted this 7th day of Nov., 2018.

MASTERCARD INTERNATIONAL INCORPORATED

By: 

Title: Steven P. Klocinski - Senior Vice President and Senior IP Counsel

WORLDWIDE ASSIGNMENT

WHEREAS, WE,

Florent Hay, a citizen of France, having a residence address at Clos René Magritte 5
Appartement 2/3, Jette, Belgium 1090

Kuan Hua Chen a citizen of the US, having a residence address at 5 Walton House 173
Richmond Road, Kingston Upon Thames, London, UK KT2 5DT

David Anthony Roberts a citizen of the United Kingdom, having a residence address at 32
Woodbridge Close Appleton, Warrington, Cheshire, UK WA4 5RD

(hereinafter "Assignor"), have made an invention entitled "IMPROVEMENTS IN ELECTRONIC
PAYMENTS"

WHEREAS, **MASTERCARD INTERNATIONAL INCORPORATED**, having its
principal place of business at 2000 Purchase Street, Purchase, NY 10577, hereinafter referred
to as Assignee, is desirous of acquiring the whole right, title and interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy
whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee,
and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell,
assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title
and interest in the United States of America and throughout the world, including the right to
claim priority under the laws of the United States, the Paris Convention, and any foreign
countries, to the inventions as described in the aforesaid application, to the aforesaid application
itself, and all divisions, continuations, continuations-in-part, or other applications claiming
priority directly or indirectly from the aforesaid application, and any United States or foreign
Letters Patent, utility model, or other similar rights which may be granted thereon, including
reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in
the aforesaid application and the subject matter disclosed therein, these rights, title and interest to
be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility
model, or other similar rights, are granted and any extensions thereof as fully and entirely as the
same would have been held by Assignor had this assignment and sale not been made, and the
right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating
to any of the applications, patents, utility models, or other similar rights, resulting therefrom,
and the copyright rights.

Assignor hereby covenants and agrees to execute all instruments or documents required
or requested for the making and prosecution of any applications of any type for patent, utility
model, or other similar rights, and for copyright, in the United States and in all foreign countries
including, but not limited to, any provisional, continuation, continuation-in-part, divisional,
renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent
any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-
examination, inter partes review, or extension thereof, and for litigation regarding, or for the

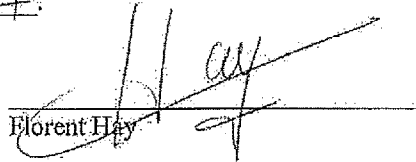
purpose of defending the validity of or protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee and its successors in interest without further or other compensation than that above set forth.

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment. Assignor further covenants not to challenge, or assist or participate in any third party challenge to, the assigned inventions, or any patent application or patent thereon, whether by litigation, post grant review, inter partes review, covered business method review, reexamination, or otherwise.

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby authorize the attorneys of Kellie LLP the power 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
7th day of August, 2017.


Florent Hay


Witness Signature

Dhaval SAWKAR
Witness Name

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
_____ day of _____, 201____.

Kuan Hua Chen

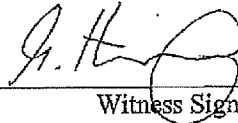
Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
03 day of August, 2017.



David Anthony Roberts



Witness Signature

G. HEMMINGS

Witness Name

Agreed and accepted this _____ day of _____, 20__.

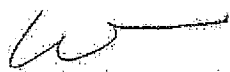
MASTERCARD INTERNATIONAL INCORPORATED

By: _____

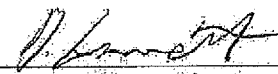
Title: _____

P04398-EP-UTIL
P42652EP

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
5 day of October, 2017.



Kuan Hua Chen



Witness Signature
DUNCAN GARRETT

Witness Name

IN WITNESS WHEREOF, I, the said ASSIGNOR have executed this Assignment this
day of _____, 2017.

David Anthony Roberts

Witness Signature

Witness Name

P04398-EP-UTIL
P42652EP

Agreed and accepted this 5th day of Oct., 2017.

MASTERCARD INTERNATIONAL INCORPORATED

By: Juan C. Gonzalez

Title: Juan C. Gonzalez, Senior Vice President & Senior IP Counsel