Superintendencia de Industria y Comercio
Radicado: 16145618 Folios : 52
Dependencia: Paten Fecha: 2016-09-02 16:31:38
Tipo aplicación: Documentos independientes

1/52

1

TM TAMAYO
ROYALTIES · PATENTS · TRADEMARKS

XA

Señor
JEFE DIVISIÓN DE NUEVAS CREACIONES
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
E. S. D.

REF: EXPEDIENTE: **16-0145618**
SOLICITUD INTERNACIONAL **PCT/US2014/068078**
TITULO: "MÉTODO Y SISTEMA PARA LA TRANSMISIÓN SEGURA DE MENSAJES DEL SERVICIO DE NOTIFICACIÓN A DISTANCIA A DISPOSITIVOS MÓVILES SIN ELEMENTOS DE SEGURIDAD"

ACTUACIÓN: **MEMORIAL DE ALCANCE PARA PRESENTAR DOCUMENTOS DE CESION**

Estimados señores:

Para que conste en el expediente de la referencia, respetuosamente me permito remitir los documentos de Cesión (Poder), otorgados por los inventores a la sociedad solicitante MASTERCARD INTERNATIONAL INCORPORATED, de la siguiente manera:

1.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y SMETS Patrik, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No. 61/910,819** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

2.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi CATELAND Axel Emile Jean Charles, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No. 61/951,842** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

COLOMBIA:
Carrera 13-A No. 28-38 Bufete 230
Tel (571) 341 9841 / Fax (571) 243 5423
Parque Central Bavaria
Bogotá D.C. / Colombia / Sur América

USA:
COL 12010 TM Tamayo
10000 NW 25 Th St Unit 1 L
33172-2204
MIAMI / FL, U.S.A.

E-mail: consultas@tmtamayo.net
ip@tmtamayo.com
Web: www.tmtamayo.com

TM TAMAYO
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3.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y CATELAND Axel Emile Jean Charles, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No. 61/955,716** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

4.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y SMETS Patrik, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No. 61/979,132** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

5.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y SMETS Patrik, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No 61/980,784** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

6.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y WARD Michael Christopher, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No 61/996,665** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

7.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y WARD Michael Christopher, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para prioridad **No 61/979,122** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

8.- Documento poder de Cesión debidamente legalizado, con su traducción al español, otorgado por los inventores: COLLINGE Mehdi y RADU Cristian, a la sociedad solicitante, MASTERCARD INTERNATIONAL INCORPORATED, para

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prioridad **No 61/979,113** de USA, invocada en la solicitud Internacional de la presente solicitud Fase Nacional

Estos documentos de cesión, se allegan al expediente con fundamento en el Artículo (26) Literal (k) la Decisión 486 de 2.000 de C.A.N,

Finiquitada esta diligencia, ruego a usted ordenar lo pertinente para que el expediente siga su curso normal.

Atentamente,

JOHAN SEBASTIAN GÓMEZ VILLA
C.C. No. 9868640 -Bogotá
T.P. No. 202.892. C.S.J.

COLOMBIA:
Carrera 13-A No. 28-38 Bufete 230
Tel (571) 341 9841 / Fax (571) 243 5423
Parque Central Bavaria
Bogotá D.C. / Colombia / Sur América

USA:
COL 12010 TM Tamayo
10000 NW 25 Th St Unit 1 L
33172-2204
MIAMI / FL, U.S.A.

E-mail: consultas@tmtamayo.net
ip@tmtamayo.com

Web: www.tmtamayo.com

Industria y Comercio SUPERINTENDENCIA	**TESTIGO DOCUMENTAL**	Folio: 4

Dependencia Jerárquica: DEL PROPIEDAD INDUSTRIAL		**Código**	2000
Dependencia Productora: GRUPO DE NUEVAS CREACIONES		**Código**	2020
Tipo de Radicación: Entrada: **X**	Salida: □	Traslado: □	Convenio: □
Radicador:			

DESCRIPCIÓN DE LA PRUEBA

Nombre de la Serie / Subserie:	Código:
Expediente: 16145618	Solicitante / ***Quejoso / Demandante / otros.***
Prueba excluida: CD	
N°. de Pruebas excluidas: 1	
Fecha de emisión de la Prueba:	

UBICACIÓN DE LA PRUEBA EN LA SECCIÓN DE MATERIAL GRÁFICO

N°. de bloque:		Otras especificaciones:
Nº. de rodante:		
Nº. de estante:		
N°. de archivador:		
Nº. de entrepaño:		
Nº. de gaveta:		
N°. de caja:		

IMPORTANTE:

- El material gráfico ***o especial*** que se encuentra ***dentro o anexo a*** las unidades documentales o expedientes, debe extraerse y llevarse a aquella sección del archivo que se haya dispuesto para conservar documentos en distintos formatos.
- Entiéndase por material gráfico todos aquellos dibujos, croquis, mapas, planos, fotografías, ilustraciones, pictografías, códices, prensa, objetos tridimensionales, entre otros.

Observaciones:

El CD contiene 8 documentos PDF procesados y cargados al sistema.

jc.

Unidad de Conservación

- ○ Bolsa
- ○ Caja
- ○ Libro
- ○ Sobre
- ○ Tomo
- ○ Otro

Soporte Documental

- ✕ CD
- ○ Disquete
- ○ DVD
- ○ Folleto
- ○ Periódico
- ○ Plano
- ○ Publicación Periódica
- ○ USB
- ○ Otro

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by Sylvia Holley

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 1604673-9

9. Seal/Stamp:

10. Signature:

Derrick Branch

A 1994972

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 24, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON DECEMBER 04, 2013.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

SYLVIA HOLLEY
Certifying Officer

502590121 12/04/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2636301

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	12/03/2013
PATRIK SMETS	12/03/2013

RECEIVING PARTY DATA

Name:	MasterCard International Incorporated
Street Address:	2000 Purchase Street
City:	Purchase
State/Country:	NEW YORK
Postal Code:	10577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61910819

OP $40.00 61910819

CORRESPONDENCE DATA

Fax Number: (703)836-7419
Phone: 7032996934
Email: Ashley.Fernandez@bipc.com
Correspondence will be sent via US Mail when the email attempt is unsuccessful.
Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC
Address Line 1: P.O. BOX 1404
Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-000224
NAME OF SUBMITTER:	CHARLES F. WIELAND III
Signature:	/Charles F. Wieland III/
Date:	12/04/2013

Total Attachments: 2
source=Assignment#page1.tif
source=Assignment#page2.tif

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Patrik SMETS, residing at (1) Braine-l'Alleud, Belgium; and (3) Nijlen, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/910,819, and filed on December 2, 2013;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No._____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of Delaware and having a principal place of business at 2000 Purchase Street, Purchase, New York, USA 10577-2405 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: MARC BLITTEN

Date: 3/12/13

☐ I witnessed signatures of all inventors

INVENTOR:

MEHDI COLLINGE

Date: 2013/12/3

WITNESSED BY:[1]

Name: IAN MADDOCKS

Date: 3/12/13.

INVENTOR:

PATRIK SMETS

Date: 2013/12/3

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by Sylvia Holley

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 16045673-8

9. Seal/Stamp:

10. Signature:

Derrick Branch

A 1995013

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 24, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON NOVEMBER 20, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

SYLVIA HOLLEY
Certifying Officer

503069801 11/20/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3116404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	11/05/2014
AXEL CATELAND	11/13/2014

RECEIVING PARTY DATA

Name:	MASTERCARD INTERNATIONAL INCORPORATED
Street Address:	2000 PURCHASE ST
City:	PURCHASE
State/Country:	NEW YORK
Postal Code:	10577-2405

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61951842

CORRESPONDENCE DATA

Fax Number:

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.

Email: taylor.betancourt@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC
Address Line 1: 1737 KING ST
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	0076412-0000258
NAME OF SUBMITTER:	TAYLOR BETANCOURT
SIGNATURE:	/Taylor Betancourt/
DATE SIGNED:	11/20/2014

Total Attachments: 3
source=258_Assignment#page1.tif
source=258_Assignment#page2.tif
source=258_Assignment#page3.tif

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Axel Emile Jean Charles CATELAND, residing at (1) Braine-l'Alleud, Belgium; and (3) Loupoigne, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/951,842, and filed on March 12, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No._____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of Delaware and having a principal place of business at 2000 Purchase Street, Purchase, New York, USA 10577-2405 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: PATRIK SMETS

Date: 5/11/14

INVENTOR:

MEHDI COLLINGE

Date: 11/5/2014

☐ I witnessed signatures of all inventors

WITNESSED BY:[1]

Name: _____

Date: _____

INVENTOR:

AXEL EMILE JEAN CHARLES CATELAND

Date: _____

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: _____

Date: _____

☐ I witnessed signatures of all inventors

INVENTOR:

_____
MEHDI COLLINGE

Date: _____

WITNESSED BY:

Name: _____
David Liscia

Date: 11/13/2014

INVENTOR:

_____
AXEL EMILE JEAN CHARLES CATELAND

Date: 11/13/2014

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by R. Glover

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 16045673-2

9. Seal/Stamp:

10. Signature:

Derrick Branch

17

A 1994900

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 23, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON NOVEMBER 20, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

R GLOVER
Certifying Officer

503069782 11/20/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3116385

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEDHI COLLINGE	05/11/2014
AXEL CATELAND	11/13/2014

RECEIVING PARTY DATA

Name:	MASTERCARD INTERNATIONAL INCORPORATED
Street Address:	2000 PURCHASE ST
City:	PURCHASE
State/Country:	NEW YORK
Postal Code:	10577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61955716

CORRESPONDENCE DATA

Fax Number:

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.

Email: taylor.betancourt@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC
Address Line 1: 1737 KING ST
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	0076412-000262
NAME OF SUBMITTER:	TAYLOR BETANCOURT
SIGNATURE:	/Taylor Betancourt/
DATE SIGNED:	11/20/2014

Total Attachments: 3
source=262_Assignment#page1.tif
source=262_Assignment#page2.tif
source=262_Assignment#page3.tif

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Axel Emile Jean Charles CATELAND, residing at (1) Braine-l'Alleud, Belgium; and (3) Loupoigne, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/955,716, and filed on March 19, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No._____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of Delaware and having a principal place of business at 2000 Purchase Street, Purchase, New York, USA 10577-2405 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: PATRICK EMETT

Date: 5/11/14

INVENTOR:

MEHDI COLLINGE

Date: 11/5/2014

☐ I witnessed signatures of all inventors

WITNESSED BY:[1]

Name: _____

Date: _____

INVENTOR:

AXEL EMILE JEAN CHARLES CATELAND

Date: _____

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

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WITNESSED BY:[1]

Name: _____

Date: _____

☐ I witnessed signatures of all inventors

INVENTOR:

_____
MEHDI COLLINGE

Date: _____

WITNESSED BY:[1]

Name: _____
David Liscia

Date: 11/13/2014

INVENTOR:

_____
AXEL EMILE JEAN CHARLES CATELAND

Date: 11/13/2014

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by Sylvia Holley

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 16045673-7

9. Seal/Stamp:

10. Signature:

Derrick Branch

A 1994971

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 24, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON MAY 01, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

SYLVIA HOLLEY
Certifying Officer

502791334 05/01/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2837929

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	04/15/2014
PATRIK SMETS	04/22/2014

RECEIVING PARTY DATA

Name:	MasterCard International Incorporated
Street Address:	2000 Purchase Street
City:	Purchase
State/Country:	NEW YORK
Postal Code:	10577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61979132

CORRESPONDENCE DATA

Fax Number: (703)836-7419

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 7032996934
Email: Ashley.Fernandez@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC
Address Line 1: P.O. BOX 1404
Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-000275
NAME OF SUBMITTER:	ASHLEY FERNANDEZ
SIGNATURE:	/Ashley Fernandez/
DATE SIGNED:	05/01/2014

Total Attachments: 4
source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif

Attorney Docket No. 0076412-000275

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Patrik SMETS, residing at (1) Braine-l'Alleud, Belgium; and (2) Nillen, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/979,132, and filed on April 14, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577-2405 USA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: CLAIRE VENOT

Date: 2014/04/15

☐ I witnessed signatures of all inventors

INVENTOR:

MEHDI GOZLINGE

Date: 2014/04/14

WITNESSED BY:[1]

Name: _____

Date: _____

INVENTOR:

PATRIK SMETS

Date: _____

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

Attorney Docket No. 0076412-000275

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Patrik SMETS, residing at (1) Braine-l'Alleud, Belgium; and (2) Nijlen, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/979,132, and filed on April 14, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577-2405 USA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

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AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: _____

Date: _____

☐ I witnessed signatures of all inventors

INVENTOR:

_____
MEHDI COLLINGE

Date: _____

WITNESSED BY:[1]

Name: Sandra DALLATURCA

Date: 22/04/14

INVENTOR:

_____
PATRIK SMETS

Date: 22/04/2014

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by Sylvia Holley

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 160456[illegible]

9. Seal/Stamp:

10. Signature:

Derrick Branch

30

A 1994973

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

June 24, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON MAY 01, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

SYLVIA HOLLEY
Certifying Officer

502791357 05/01/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2837952

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	04/18/2014
PATRIK SMETS	04/22/2014

RECEIVING PARTY DATA

Name:	MasterCard International Incorporated
Street Address:	2000 Purchase Street
City:	Purchase
State/Country:	NEW YORK
Postal Code:	10577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61980784

CORRESPONDENCE DATA

Fax Number: (703)836-7419

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 7032996934
Email: Ashley.Fernandez@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC
Address Line 1: P.O. BOX 1404
Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-000283
NAME OF SUBMITTER:	ASHLEY FERNANDEZ
SIGNATURE:	/Ashley Fernandez/
DATE SIGNED:	05/01/2014

Total Attachments: 4
source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif

Attorney Docket No. 0076412-000283

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Patrik SMETS, residing at (1) Braine-l'Alleud, Belgium; and (2) Nijlen, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/980,784, and filed on April 17, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577-2405 USA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

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WITNESSED BY:[1]

Name: SEBASTIEN POCHIC

Date: 18/04/2014

☐ I witnessed signatures of all inventors

INVENTOR:

MEHDI COLLINGE

Date: 2014/04/18

WITNESSED BY:[1]

Name: _____

Date: _____

INVENTOR:

PATRIK SMETS

Date: _____

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

Attorney Docket No. 0076412-000283

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE and (2) Patrik SMETS, residing at (1) Braine-l'Alleud, Belgium; and (2) Nijlen, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

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(1) ☒ provisional application
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- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: _____

Date: _____

☐ I witnessed signatures of all inventors

INVENTOR:

_____
MEHDI COLLINGE

Date: _____

WITNESSED BY:[1]

Name: SANDRO DALLA TORRE

Date: 22/04/14

INVENTOR:

_____
PATRIK SMETS

Date: 22/04/2014.

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by T. Lawrence

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 16045673-3

9. Seal/Stamp:

10. Signature:

Derrick Branch

37

A 1995637

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 07, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON JUNE 17, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

T. Lawrence

T. LAWRENCE
Certifying Officer

502854864 06/17/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2901461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	05/15/2014
MICHAEL CHRISTOPHER WARD	05/15/2014

RECEIVING PARTY DATA

Name:	MasterCard International Incorporated
Street Address:	2000 Purchase Street
City:	Purchase
State/Country:	NEW YORK
Postal Code:	10577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61996665

CORRESPONDENCE DATA

Fax Number: (703)836-7419

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.

Phone: 7032996934
Email: Ashley.Fernandez@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY PC
Address Line 1: P.O. BOX 1404
Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-000292
NAME OF SUBMITTER:	ASHLEY FERNANDEZ
SIGNATURE:	/Ashley Fernandez/
DATE SIGNED:	06/17/2014

Total Attachments: 2
source=Assignment#page1.tif
source=Assignment#page2.tif

Attorney Docket No. 0076412-000292

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE, and (2) Michael Christopher WARD, residing at (1) Braine-l'Alleud, Belgium; and (2) Somerset, United Kingdom (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☐ bearing Application No._____, and filed on _____;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577 USA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: JOHN CAITANOS

Date: 15th May 2014

☐ I witnessed signatures of all inventors

INVENTOR:

MEHDI COLLINGE

Date: 15/05/2014

WITNESSED BY:[1]

Name: Shilpa Harvey
SHILPA HARVEY

Date: 15th MAY 2014

INVENTOR:

MICHAEL CHRISTOPHER WARD

Date: 15 May 2014

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by T. Lawrence

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 1604567[illegible]

9. Seal/Stamp:

10. Signature:

Derrick Branch

42

A 1995636

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 07, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON APRIL 29, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

T. Lawrence

T. LAWRENCE
Certifying Officer

502786461 04/29/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2833056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	04/15/2014
MICHAEL CHRISTOPHER WARD	04/16/2014

RECEIVING PARTY DATA

Name:	MASTERCARD INTERNATIONAL INCORPORATED
Street Address:	2000 PURCHASE STREET
City:	PURCHASE
State/Country:	NEW YORK
Postal Code:	10577-2405

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61979122

CORRESPONDENCE DATA

Fax Number: (703)836-7419

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 7038366620
Email: danielle.carro@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY
Address Line 1: P.O. BOX 1404
Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-000279
NAME OF SUBMITTER:	DANIELLE CARRO
SIGNATURE:	/DMCarro/
DATE SIGNED:	04/29/2014

Total Attachments: 4
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source=ASSIGNMENT#page4.tif

Attorney Docket No. 0076412-000279

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE, and (2) Michael Christopher WARD, residing at (1) Braine-l'Alleud, , Belgium; and (2) Bridgwater, Somerset, United Kingdom (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/979,122, and filed on April 14, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577-2405 USA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: CLAIRE VENOT

Date: 2014/4/15

☐ I witnessed signatures of all inventors

INVENTOR:

MEHDI COLLINGE

Date: 2014/4/16

WITNESSED BY:[1]

Name: _____

Date: _____

INVENTOR:

MICHAEL CHRISTOPHER WARD

Date: _____

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

Attorney Docket No. 078412-000279

ASSIGNMENT

(JOINT)

This ASSIGNMENT, by (1) Marie COLLINGE, and (2) Michael Christopher WARD, residing at (1) Braine-l'Alleud, Belgium, and (2) Bridgwater, Somerset, United Kingdom (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application

(a) ☒ bearing Application No. 61/979,122, and filed on April 14, 2014;

(b) ☐ to be filed herewith; or

(2) ☐ non-provisional application

(a) ☐ bearing Application No. _____ and filed on _____;

(b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;

(c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE, and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577-2405 USA (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had the sale and assignment not been made.

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: _____

Date: _____

☐ I witnessed signatures of all inventors

INVENTOR:

_____
MEHDI COLLINGE

Date: _____

WITNESSED BY:[1]

Name: _____

Date: 16.04.2014

INVENTOR:

_____
MICHAEL CHRISTOPHER WARD

Date: 16th April 2014

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by T. Lawrence

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the nineteenth of July, 2016

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 1604567[illegible]-5

9. Seal/Stamp:

10. Signature:

Derrick Branch

A 1995638

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

July 07, 2016

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON APRIL 29, 2014.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

T. Lawrence

T. LAWRENCE
Certifying Officer

502786495 04/29/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2833090

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEHDI COLLINGE	04/14/2014
CRISTIAN RADU	04/22/2014

RECEIVING PARTY DATA

Name:	MASTERCARD INTERNATIONAL INCORPORATED
Street Address:	2000 PURCHASE STREET
City:	PURCHASE
State/Country:	NEW YORK
Postal Code:	10577-2405

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	61979113

CORRESPONDENCE DATA

Fax Number: (703)836-7419

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 7038366620
Email: danielle.carro@bipc.com
Correspondent Name: BUCHANAN INGERSOLL & ROONEY
Address Line 1: P.O. BOX 1404
Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER:	0076412-000278
NAME OF SUBMITTER:	DANIELLE CARRO
SIGNATURE:	/DMCarro/
DATE SIGNED:	04/29/2014

Total Attachments: 2
source=ASSIGNMENT#page1.tif
source=ASSIGNMENT#page2.tif

Attorney Docket No. 0076412-000278

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by (1) Mehdi COLLINGE, and (2) Cristian RADU, residing at (1) Braine-l'Alleud, Belgium; and (2) Beauvechain, Belgium (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR PROCESSING MOBILE PAYMENTS BY PROVISIONING CREDENTIALS TO MOBILE DEVICES WITHOUT SECURE ELEMENTS set forth in an application for Letters Patent of the United States, which is a

(1) ☒ provisional application
- (a) ☒ bearing Application No. 61/979,113, and filed on April 14, 2014;
- (b) ☐ to be filed herewith; or

(2) ☐ non-provisional application
- (a) ☐ bearing Application No. _____, and filed on _____;
- (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation duly organized under and pursuant to the laws of DELAWARE and having a principal place of business at 2000 Purchase Street, Purchase, New York, 10577-2405 USA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications,

above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC 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.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

WITNESSED BY:[1]

Name: CLAIRE VENOT

Date: 2014/04/15

☐ I witnessed signatures of all inventors

INVENTOR:

MEHDI COLLINGE

Date: 2014/4/14

WITNESSED BY:[1]

Name: DAVID CUTLER

Date: 22/4/14

INVENTOR:

CRISTIAN RADU

Date: 2014/4/22

[1] Signatures must be witnessed by an adult who is neither an immediate family member nor a co-inventor of the subject invention. Alternatively, the signature can be notarized in lieu of being witnessed.