

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John Wankmueller	05/05/2008
Dave Roberts	05/01/2008
Paul Michael Evans	05/02/2008

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:	12018293

CORRESPONDENCE DATA

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070457.2463

NAME OF SUBMITTER:

Angel Matos

Total Attachments: 3
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PATENT

REEL: 021015 FRAME: 0283

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ASSIGNMENT

WHEREAS, We, **JOHN WANKMUELLER**, a citizen of the United States, residing at 35 Tanners Road, Great Neck, NY, 11020; **DAVE ROBERTS**, a citizen of the United Kingdom, residing at 32 Woodbridge Close, Appleton Warrington WA4 5RD, United Kingdom; and **PAUL MICHAEL EVANS**, a citizen of the United Kingdom, residing at Glebe House, 9 The Birches, Farnborough, Hampshire, GU14 9RP, United Kingdom; (hereinafter "**ASSIGNORS**"), have made an invention entitled "**SYSTEMS AND METHODS FOR MUTUAL AUTHENTICATION USING ONE TIME CODES**" as set forth and described in U.S. Patent Application No. 12/018,293 filed **January 23, 2008**; and

WHEREAS, **MASTERCARD INTERNATIONAL INCORPORATED** (hereinafter "**ASSIGNEE**"), having an office for the transaction of business at **2000 Purchase Street, Purchase, New York 10577**, is desirous of acquiring **ASSIGNOR'S** entire right, title and interest in and to said Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that We, the said **ASSIGNORS**, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said **ASSIGNEE**, and other valuable considerations unto me moving from said **ASSIGNEE**, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, **ASSIGNOR'S** entire right, title and interest in and to the said invention entitled "**SYSTEMS AND METHODS FOR MUTUAL AUTHENTICATION USING ONE TIME CODES**," and any and all improvements thereon, and in and to said Letters Patent and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

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

AND We, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that We have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that We, my executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said **ASSIGNEE**, its successors and assigns, may be required or necessary more effectively to secure to and vest in said **ASSIGNEE**,

its successors and assigns, **ASSIGNOR'S** entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that We will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, We, the said **ASSIGNORS** have hereunto set our hand and seal on the date below written.

Subscribed and executed at PURCHASE, NY
on May 5, 2008.
(Date)


JOHN WANKMUELLER

Witness: LEONARDO RENNA
(Type Name)

Witness: Domenico Salterello
(Type Name)

Subscribed and executed at WARRINGTON, UK
on 1st May 2008.
(Date)


DAVE ROBERTS

Witness: GARY HEMMINGS
(Type Name)

Witness: _____
(Type Name)

Subscribed and executed at 47-53 CANNON STREET, LONDON, E C 4 M S S H
on 2nd MAY 2008.
(Date)

Paul Evans
PAUL MICHAEL EVANS

Witness: J. BERIC
(Type Name)

Witness: D. GARRETT
(Type Name)