

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frederick Michael Pacher</td> <td>01/02/2013</td> </tr> <tr> <td>Craig Robert Dinsmore</td> <td>12/20/2012</td> </tr> <tr> <td>Eoin Patrick Flood</td> <td>12/21/2012</td> </tr> <tr> <td>Mikhail Blinov</td> <td>12/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Frederick Michael Pacher	01/02/2013	Craig Robert Dinsmore	12/20/2012	Eoin Patrick Flood	12/21/2012	Mikhail Blinov	12/21/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MasterCard International Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>2000 Purchase Street</td> </tr> <tr> <td>City:</td> <td>Purchase</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10577</td> </tr> </table>		Name:	MasterCard International Incorporated	Street Address:	2000 Purchase Street	City:	Purchase	State/Country:	NEW YORK	Postal Code:	10577
Name:	MasterCard International Incorporated										
Street Address:	2000 Purchase Street										
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 3146122307 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 314-621-5070 Email: USpatents@armstrongteasdale.com</p> <p>Correspondent Name: DANIEL M. FITZGERALD (21652) ARMSTRONG T Address Line 1: 7700 Forsyth Boulevard Address Line 2: Suite 1800 Address Line 4: St. Louis, MISSOURI 63105</p>											
ATTORNEY DOCKET NUMBER:	21652-00231										
NAME OF SUBMITTER:	Daniel M. Fitzgerald										
Total Attachments: 6											

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ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which I/we acknowledge receipt, I/we,

Frederick Michael Pacher	of	174 Primrose Road, Williston Park, NY 11596
Craig Robert Dinsmore	of	12911 Whitehorse Lane, Des Peres, MO 63131
Eoin Patrick Flood	of	56 Merville Road, Stillorgan, Co. Dublin, IRELAND
Mikhail Blinov	of	5 Ashgrove, Dun Laoghaire, County Dublin, IRELAND

hereby sell and assign to **MasterCard International Incorporated** (hereinafter referred to as Assignee), a Delaware Corporation, with its principle address at 2000 Purchase Street, Purchase, New York 10577, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the non-provisional application for United States Patent currently entitled:

**METHODS AND SYSTEMS FOR MITIGATING FRAUD LOSSES DURING A
PAYMENT CARD TRANSACTION**

☒ executed concurrently herewith,

☐ filed on having Serial Number

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid

DOCKET NUMBER: 21652-00231

said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

INVENTOR 1

Signature: Frederick Michael Pacher Date: 1/2/2013
Frederick Michael Pacher

Witnessed by: Mark Savoye Date: 1/2/2013
Signature
Mark Savoye
Printed Name of Witness

Witnessed by: Diane Shaib Kretschmann Date: January 2, 2013
Signature
Diane Shaib Kretschmann
Printed Name of Witness

INVENTOR 2

Signature: Craig Robert Dinsmore Date: December 20, 2012
Craig Robert Dinsmore

Witnessed by: Monica Dinsmore Date: December 20, 2012
Signature

Monica Dinsmore
Printed Name of Witness

Witnessed by: Michael Rethore Date: 12-20-2012
Signature

Michael Rethore
Printed Name of Witness

INVENTOR 3

Signature: Eoin Flood
Eoin Patrick Flood

Date: 21/12/2012

Witnessed by: John Strain
Signature

Date: 21/12/2012


JOHN STRAIN
Printed Name of Witness

Witnessed by: Thomas Buckley
Signature

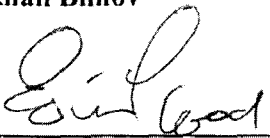
Date: 21/12/2012

THOMAS BUCKLEY
Printed Name of Witness

INVENTOR 4


Signature: 
Mikhail Blinov

Date: 21/12/12

Witnessed by: 
Signature

Date: 21/12/12

Eoin Flood
Printed Name of Witness

Witnessed by: 
Signature

Date: 21/12/12

AIDAN CUNNIFF
Printed Name of Witness