

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6016120

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                          |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                              |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                         |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                   |
| PIA MAENPAA                                                                                                                                                                                     | 02/19/2013                              |
| JOSHUA KESSLER                                                                                                                                                                                  | 02/18/2013                              |
| JACLYN MOORE                                                                                                                                                                                    | 02/19/2013                              |
| JOHN DALLESSANDRO                                                                                                                                                                               | 02/19/2013                              |
| LAURIE CHIOLA                                                                                                                                                                                   | 02/19/2013                              |
| ERIN KIERAN                                                                                                                                                                                     | 02/19/2013                              |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                         |
| <b>Name:</b>                                                                                                                                                                                    | MASTERCARD INTERNATIONAL INCORPORATED   |
| <b>Street Address:</b>                                                                                                                                                                          | 2000 PURCHASE STREET                    |
| <b>City:</b>                                                                                                                                                                                    | PURCHASE                                |
| <b>State/Country:</b>                                                                                                                                                                           | NEW YORK                                |
| <b>Postal Code:</b>                                                                                                                                                                             | 10577                                   |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                         |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                           |
| Application Number:                                                                                                                                                                             | 16819959                                |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                         |
| <b>Fax Number:</b>                                                                                                                                                                              | (203)327-6401                           |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                         |
| <b>Phone:</b>                                                                                                                                                                                   | 203-327-4500                            |
| <b>Email:</b>                                                                                                                                                                                   | docketing@ogrp.com                      |
| <b>Correspondent Name:</b>                                                                                                                                                                      | OHLANDT, GREELEY, RUGGIERO & PERLE, LLP |
| <b>Address Line 1:</b>                                                                                                                                                                          | ONE LANDMARK SQUARE, 10TH FLOOR         |
| <b>Address Line 4:</b>                                                                                                                                                                          | STAMFORD, CONNECTICUT 06901             |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 0008666USXV/4450                        |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | CHARLES N.J. RUGGIERO                   |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Charles N.J. Ruggiero/                 |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 03/16/2020                              |
| <b>Total Attachments: 7</b>                                                                                                                                                                     |                                         |

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**OHLANDT, GREELEY, RUGGIERO & PERLE, L.L.P.**

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OGRP\_03

Docket No.: 0008666USX/4450

Customer No.: 27,623

**ASSIGNMENT**

FOR valuable and legally sufficient considerations, receipt of which is hereby acknowledged, as inventors named herein, we, **Pia MAENPAA**, a citizen of United States of America and resident of 300 Mamaroneck Avenue, Apt. 428, White Plains, New York 10605, **Joshua KESSLER**, a citizen of the United States of America, and a resident of 17 Marc Road, Danbury, Connecticut 06810, **Jaclyn MOORE**, a citizen of the United States of America, and a resident of 63 Adams Avenue, Port Chester, New York 10573, **Erin KIERAN**, a citizen of the United States of America, and resident of 9 Greenridge Avenue, Apt. 8E, White Plains, New York 10605, **Laurie CHIOLA**, a citizen of the United States of America, and resident of 3 Roosevelt Drive, Bedford Hills, New York 10507, and **John DALLESANDRO**, a citizen of the United States of America, and resident of 16 Fawn Ridge, Millwood, New York 10546 have invented certain new and useful improvements in

**SYSTEM AND METHOD FOR GENERATING DIGITAL RECEIPTS FOR ELECTRONIC SHOPPING**

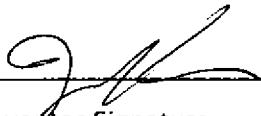
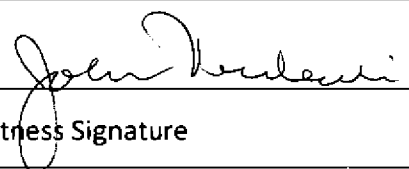
hereby assign to **MASTERCARD INTERNATIONAL INCORPORATED**, a New York corporation having its principal office at 2000 Purchase Street, Purchase, New York 10577-2509 (hereinafter referred to as "Assignee"), the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent being filed concurrently herewith in the United States Patent and Trademark Office, and any non-provisional, continuation, divisions, continuation-in-part applications, inventor's certificates and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for its own use and behoof and for the use and behoof of its successors and

assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

AND I/WE COVENANT and AGREE and WARRANT that I/we have full and unencumbered title to the invention hereby assigned, and I/we further covenant and agree that I/we have the right to grant such rights to said invention and application and Letters Patent and that I/we will, at any time upon request without cost to us or further compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, I/we have hereunto set our hands and seal:

|                    |                  |
|--------------------|------------------|
| <u>Pia MAENPAA</u> |                  |
| Inventor's Name    |                  |
| <u>P. Mäenpää</u>  | <u>2/19/2013</u> |
| Inventor Signature | Date             |
| <u>[Signature]</u> | <u>2-19-2013</u> |
| Witness Signature  | Date             |

|                                                                                                         |                        |
|---------------------------------------------------------------------------------------------------------|------------------------|
| <u>Joshua KESSLER</u>                                                                                   |                        |
| Inventor's Name                                                                                         |                        |
| <br>Inventor Signature | <u>2/18/13</u><br>Date |
| <br>Witness Signature  | <u>2/18/13</u><br>Date |

|                            |              |
|----------------------------|--------------|
| <u>Jaclyn MOORE</u>        |              |
| Inventor's Name            |              |
| <br><br>Inventor Signature | <br><br>Date |
| <br><br>Witness Signature  | <br><br>Date |



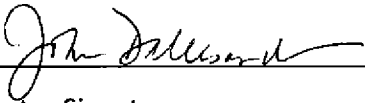
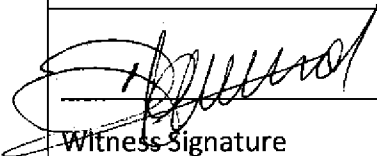
|                    |                |
|--------------------|----------------|
| <u>Erin KIERAN</u> |                |
| Inventor's Name    |                |
| <u>Erin Kieran</u> | <u>2/19/13</u> |
| Inventor Signature | Date           |
| <u>[Signature]</u> | <u>2/19/13</u> |
| Witness Signature  | Date           |

|                      |         |
|----------------------|---------|
| <u>Laurie CHIOLA</u> |         |
| Inventor's Name      |         |
| <u></u>              | <u></u> |
| Inventor Signature   | Date    |
| <u></u>              | <u></u> |
| Witness Signature    | Date    |

|                    |      |
|--------------------|------|
| Erin KIERAN        |      |
| Inventor's Name    |      |
| Inventor Signature | Date |
| Witness Signature  | Date |

|                                               |                        |
|-----------------------------------------------|------------------------|
| <u>Laurie CHIOLA</u>                          |                        |
| Inventor's Name                               |                        |
| <u>Laurie A. Chiola</u><br>Inventor Signature | <u>2/19/13</u><br>Date |
| <u>Dennis Hammors</u><br>Witness Signature    | <u>2/19/13</u><br>Date |



|                                                                                          |                |
|------------------------------------------------------------------------------------------|----------------|
| <u>John DALLESSANDRO</u>                                                                 |                |
| Inventor's Name                                                                          |                |
| <u></u> | <u>2/19/13</u> |
| Inventor Signature                                                                       | Date           |
| <u></u> | <u>2/19/13</u> |
| Witness Signature                                                                        | Date           |