PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3366449

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PO HU	05/21/2015
JEAN-PIERRE GERARD	05/21/2015
SERGE BERNARD	05/21/2015
ROHIT CHAUHAN	05/21/2015

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:	14720396

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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: 314-621-5070

Email: jreany@armstrongteasdale.com

Correspondent Name: DANIEL M. FITZGERALD (21652) ARMSTRONG T

7700 FORSYTH BOULEVARD Address Line 1:

SUITE 1800 Address Line 2:

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	21652-00462
NAME OF SUBMITTER:	DANIEL M. FITZGERALD
SIGNATURE:	/Daniel M. Fitzgerald/
DATE SIGNED:	05/22/2015

Total Attachments: 5

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> **PATENT REEL: 035702 FRAME: 0120** 503319830

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PATENT REEL: 035702 FRAME: 0121

ASSIGNMENT

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

Po Hu	of	Norwalk, Connecticut	
Jean-Pierre Gerard	of	Croton-on-Hudson, New York	
Serge Bernard	of	Danbury, Connectucut	
Rohit Chauhan	of	Somers, New York	

hereby sell and assign to **MasterCard International Incorporated** (hereinafter referred to as Assignee), a Delaware Corporation, with its principal 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:

ADAPTIVE RECOMMENDATION SYSTEM AND METHODS

executed concurre	ently 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 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: _

Date: $\frac{5/21/2015}{5/21/15}$

Witnessed by:

INVENTOR 2

Signature:

Jean-Pierre Gerard

Date: <u>5/2//2015</u>

Date: <u>5/21/15</u>

Witnessed by:

Printed Name of Witness

3

INVENTOR 3

Signature: \sqrt{G}

Serge Bernard

Witnessed by:

Signature

Printed Name of Witness

Date: 5 21 2015

Date: 3/21/15

INVENTOR 4

Signature:

Witnessed by:

Date: 05/21/2015