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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4772552

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QIAN WANG	12/11/2014
PO HU	12/11/2014
RAMAMOHAN R. SANGASANI	12/11/2014

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:	15868640

CORRESPONDENCE DATA

Fax Number: (314)621-2307

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: USpatents@armstrongteasdale.com ARMSTRONG TEASDALE LLP **Correspondent Name:** Address Line 1: 7700 FORSYTH BOULEVARD

Address Line 2: **SUITE 1800**

Address Line 4: ST. LOUIS, UNITED STATES 63105

ATTORNEY DOCKET NUMBER:	21652-01023
NAME OF SUBMITTER:	DANIEL M. FITZGERALD
SIGNATURE:	/Daniel M. Fitzgerald/
DATE SIGNED:	01/11/2018

Total Attachments: 4

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PATENT REEL: 044601 FRAME: 0845

ASSIGNMENT

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

Qian Wang of 94 Ivy Hill Rd., Ridgefield, CT 06877

Po Hu of 203 1/2 W. Norwalk Rd., Norwalk, CT 06850

Ramamohan R. Sangasani of 124 Heirloom Ct., White Plains, NY 10603

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:

SYSTEMS AND METHODS FOR FRAUD DETECTION BY TRANSACTION TICKET SIZE PATTERN

executed concurrently here	with,	
☐ filed on, I	aving 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: 12/11/2014

Qian Wang

Witnessed by:

Signature

Date: 12/11/2014

2

INVENTOR 2

Signature:

Date: 12 - 11 - 2014

Po Hu

Witnessed by:

Signature

Date: 12/11/2014

Drinted Name of Witness

INVENTOR 3

Signature: S. Na ymar 4

Date: 12-11-2014

Ramamohan R. Sangasani

Witnessed by:

Date: 12/11/2014

Then X: Mens
Printed Name of Witness