PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN E. ARTHUR	08/07/2007
CHRISTOPHER L. TOOMER	08/07/2007
SARAH OWEN	08/07/2007
THEODORE VANDEBURG	08/07/2007

RECEIVING PARTY DATA

Name:	FIRST DATA CORPORATION	
Street Address:	6200 QUEBEC ST.	
Internal Address:	SUITE 270B	
City:	GREENWOOD VILLAGE	
State/Country:	COLORADO	
Postal Code:	80111	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16829592

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	087188-079720US-1182241
NAME OF SUBMITTER:	LISA ZIMMERMAN
SIGNATURE:	/Lisa Zimmerman/
DATE SIGNED:	03/26/2020

Total Attachments: 2

PATENT REEL: 052232 FRAME: 0972

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PATENT REEL: 052232 FRAME: 0973

Attorney Docket No.: 020375-079700US

ASSIGNMENT OF PATENT APPLICATION

TOINT

WHEREAS, Steven E. Arthur of 1895 Baguette Dr., Castle Rock, CO 80108; Christopher L. Toomer of 10225 Sweet Rock Court, Parker, CO 80134; Sarah Owen of 1850 Bassett Street, No. 819; Denver, CO 80202; and Theodore VanDeburg of 1243 Washington Street, No. 408, Denver, CO 80203; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: MARKETING MESSAGES IN MOBILE COMMERCE

Date(s) of execution of Declaration:

Filing Date:

July 30, 2007

Application No.:

11/830,409; and

WHEREAS, First Data Corporation, a corporation of the state of Delaware, located at 6200 South Quebec St., Suite 270B, Greenwood Village, CO 80111, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated X

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Steven E. Arthur

Christopher L. Toomer

Assignment Attorney Docket No.: 020375-079700US Page 2

Sarah Owen

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PATENT REEL: 052232 FRAME: 0975

RECORDED: 03/26/2020