

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5531269

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW BORENSTEIN	05/09/2013
JIGAR DESAI	12/23/2014
SCOTT SANCHEZ	12/23/2014
SCOTT FRANCIS	12/23/2014
DENEEN LUXFORD	12/29/2014
EVA RUSSO	01/07/2015
PHILLIP WIGGINS	01/05/2014
FRANCIS PAVLIK	02/23/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FIRST DATA CORPORATION
<b>Street Address:</b>	6200 SOUTH QUEBEC STREET
<b>City:</b>	GREENWOOD VILLAGE
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16412032
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)815-6555
<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>	303-571-4000
<b>Email:</b>	lzimmerman@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	1100 PEACHTREE ST. NE, SUITE 2800
<b>Address Line 2:</b>	ATTN: STEPHEN F. JEWETT
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	087188-1011120US-1140335
<b>NAME OF SUBMITTER:</b>	LISA ZIMMERMAN
<b>SIGNATURE:</b>	/Lisa Zimmerman/

PATENT

**DATE SIGNED:**

05/20/2019

**Total Attachments: 14**

source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page1.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page2.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page3.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page4.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page5.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page6.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page7.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page8.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page9.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page10.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page11.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page12.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page13.tif  
source=2019-05-20 BORENSTEIN-EMPLOY-AGRMT ASGNMTS 87188-101120US-1140335#page14.tif



Employee ID: 242873

Employee Name: Matthew Borenstein

**EMPLOYEE AGREEMENT<sup>1</sup>  
GENERAL STATES**

Business Unit: 026 - First Data Merchant Svcs Group

This Agreement is between the undersigned employee ("Employee") and Business Unit listed above, First Data Corporation, or its affiliates for which Employee performs services or may perform services in the future (hereinafter individually and collectively referred to as the "Company").

In consideration of the Company's agreement to employ me and to provide me Trade Secrets and/or Confidential Information, I agree as follows:

1. Ownership and Assignment of Intellectual Property. By signing below, I hereby assign and agree to assign, free of any obligation whatsoever, to the Company as well as its or their successors, assigns, or nominees, my entire right, title and interest in any developments, designs, patents, inventions and improvements, trade secrets, trademarks, service marks, corporate names, domain names, copyrightable subject matter (collectively, "Intellectual Property"), or proprietary information which I have made, or may make, in whole or in part, and either solely or jointly with others, while I am employed by the Company and/or with the use of the time, material or facilities of the Company, and/or resulting from any tasks assigned to me or work performed by me for or on behalf of the Company.

I further agree that, without charge to the Company, but at its expense, I will promptly execute and deliver all further documents (including but not limited to original applications and applications for renewal, extension or reissue of patents, trademark or service mark registrations or copyright registrations, in any country), and perform all lawful acts, as may be necessary to vest all rights, title and interest thereto in the Company, its successors, assigns, or nominees. The foregoing obligation to provide documents extends beyond any termination of my employment.

I also declare that to the best of my knowledge, I do not now own or claim any Intellectual Property or proprietary information relating to the business of the Company other than the Intellectual Property specifically identified and listed on an attachment to this Agreement.

---

<sup>1</sup> This Agreement applies to all U.S. employees except those employed in Louisiana and California.



Employee ID: 242873

Employee Name: Matthew Borenstein



Employee ID: 242873

Employee Name: Matthew Borenstein

I, the undersigned, understand and agree to the above terms of the Agreement.

Signature: Matthew Borenstein (Electronically Signed) [Thu May 09 2013 18:03:16 GMT-0400 (EDT)]

242873 [Thu May 09 2013 18:03:16 GMT-0400 (EDT)]

ASSIGNMENT OF PATENT APPLICATION

WHEREAS Jigar Desai, residing at 2240 New Market Parkway SE., Marietta, GA; Francis Pavlik, residing at 215 Winding River Dr., Unit E, Sandy Springs, GA 30350; Scott Sanchez, residing at 224 Broadland Court NW., Atlanta, GA 30342; Scott Francis, residing at 2009 Hibernia Bend, Decatur, GA 30030, Deneen Luxford, residing at 6295 Sturbridge Lane, Cumming, GA 30040; Eva Russo, residing at 1105 Town Blvd., Apt. 1713, Atlanta, GA 30319; and Phillip Wiggins residing at 9203 Northlake Heights Circle, Atlanta, GA 30345, 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: MESSAGE HANDING AT A MOBILE GATEWAY FOR  
MANAGING DATA STRUCTURES AND SUB-  
STRUCTURES

Date(s) of execution of Declaration:

Filing Date: September 18, 2014

Application No.: 62/052,327; and

WHEREAS, First Data Corporation doing business at 6200 South Quebec Street, Greenwood Village, Colorado 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;

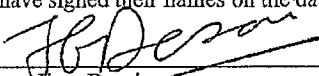
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial 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 Assignors will, without charge to Assignors, 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 waive any obligation of the Assignee to file foreign counterparts on the invention or continue pursuit of prosecution of U.S. Patent applications or foreign counterparts to the invention on behalf of the Assignors without any obligation of the Assignee to offer those rights to the Assignors even if the Assignee forgoes filing in a country or decides to not further prosecute an application in any country.

Assignors hereby authorize and request Kilpatrick Townsend and Stockton 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: 12/23/14

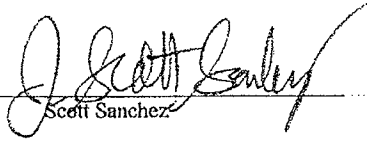
  
\_\_\_\_\_  
Jigar Desai

Dated: \_\_\_\_\_

\_\_\_\_\_  
Francis Pavlik

Assignment  
Attorney Docket No.: 87188-915455 (101100US)  
Page 2

Dated: 12/23/2014

  
\_\_\_\_\_  
Scott Sanchez

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Francis

Dated: \_\_\_\_\_

\_\_\_\_\_  
Deneen Luxford

Dated: \_\_\_\_\_

\_\_\_\_\_  
Eva Russo

Dated: \_\_\_\_\_

\_\_\_\_\_  
Phillip Wiggins

ASSIGNMENT OF PATENT APPLICATION

WHEREAS Jigar Desai, residing at 2240 New Market Parkway SE., Marietta, GA; Francis Pavlik, residing at 215 Winding River Dr., Unit E, Sandy Springs, GA 30350; Scott Sanchez, residing at 224 Broadland Court NW., Atlanta, GA 30342; Scott Francis, residing at 2009 Hibernia Bend, Decatur, GA 30030, Deneen Luxford, residing at 6295 Sturbridge Lane, Cumming, GA 30040; Eva Russo, residing at 1105 Town Blvd., Apt. 1713, Atlanta, GA 30319; and Phillip Wiggins residing at 9203 Northlake Heights Circle, Atlanta, GA 30345, 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: MESSAGE HANDING AT A MOBILE GATEWAY FOR MANAGING DATA STRUCTURES AND SUB-STRUCTURES

Date(s) of execution of Declaration:

Filing Date: September 18, 2014

Application No.: 62/052,327; and

WHEREAS, First Data Corporation doing business at 6200 South Quebec Street, Greenwood Village, Colorado 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 Assignors will, without charge to Assignors, 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 waive any obligation of the Assignee to file foreign counterparts on the invention or continue pursuit of prosecution of U.S. Patent applications or foreign counterparts to the invention on behalf of the Assignors without any obligation of the Assignee to offer those rights to the Assignors even if the Assignee forgoes filing in a country or decides to not further prosecute an application in any country.

Assignors hereby authorize and request Kilpatrick Townsend and Stockton 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: 12/23/14

J. Desai
Jigar Desai

Dated:

Francis Pavlik




Assignment  
Attorney Docket No.: 87188-915455 (101100US)  
Page 2

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Sanchez

Dated: 12/23/2014

  
\_\_\_\_\_  
Scott Francis

Dated: \_\_\_\_\_

\_\_\_\_\_  
Dencen Luxford

Dated: \_\_\_\_\_

\_\_\_\_\_  
Eva Russo

Dated: \_\_\_\_\_

\_\_\_\_\_  
Phillip Wiggins

ASSIGNMENT OF PATENT APPLICATION

WHEREAS Jigar Desai, residing at 2240 New Market Parkway SE., Marietta, GA; Francis Pavlik, residing at 215 Winding River Dr., Unit E, Sandy Springs, GA 30350; Scott Sanchez, residing at 224 Broadland Court NW., Atlanta, GA 30342; Scott Francis, residing at 2009 Hibernia Bend, Decatur, GA 30030, Deneen Luxford, residing at 6295 Sturbridge Lane, Cumming, GA 30040; Eva Russo, residing at 1105 Town Blvd., Apt. 1713, Atlanta, GA 30319; and Phillip Wiggins residing at 9203 Northlake Heights Circle, Atlanta, GA 30345, 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: MESSAGE HANDING AT A MOBILE GATEWAY FOR MANAGING DATA STRUCTURES AND SUB-STRUCTURES

Date(s) of execution of Declaration:

Filing Date: September 18, 2014

Application No.: 62/052,327; and

WHEREAS, First Data Corporation doing business at 6200 South Quebec Street, Greenwood Village, Colorado 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;

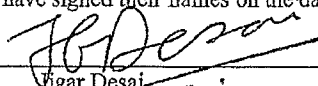
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial 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 Assignors will, without charge to Assignors, 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 waive any obligation of the Assignee to file foreign counterparts on the invention or continue pursuit of prosecution of U.S. Patent applications or foreign counterparts to the invention on behalf of the Assignors without any obligation of the Assignee to offer those rights to the Assignors even if the Assignee forgoes filing in a country or decides to not further prosecute an application in any country.

Assignors hereby authorize and request Kilpatrick Townsend and Stockton 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: 12/23/14

  
Jigar Desai

Dated: \_\_\_\_\_

\_\_\_\_\_  
Francis Pavlik

Assignment  
Attorney Docket No.: 87188-915455 (101100US)  
Page 2


Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Sanchez

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Francis

Dated: 12/29/2014

  
\_\_\_\_\_  
Deneen Luxford

Dated: \_\_\_\_\_

\_\_\_\_\_  
Eva Russo

Dated: \_\_\_\_\_

\_\_\_\_\_  
Phillip Wiggins

ASSIGNMENT OF PATENT APPLICATION

WHEREAS Jigar Desai, residing at 2240 New Market Parkway SE., Marietta, GA; Francis Pavlik, residing at 215 Winding River Dr., Unit E, Sandy Springs, GA 30350; Scott Sanchez, residing at 224 Broadland Court NW., Atlanta, GA 30342; Scott Francis, residing at 2009 Hibernia Bend, Decatur, GA 30030, Deneen Luxford, residing at 6295 Sturbridge Lane, Cumming, GA 30040; Eva Russo, residing at 1105 Town Blvd., Apt. 1713, Atlanta, GA 30319; and Phillip Wiggins residing at 9203 Northlake Heights Circle, Atlanta, GA 30345, 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: MESSAGE HANDING AT A MOBILE GATEWAY FOR  
MANAGING DATA STRUCTURES AND SUB-  
STRUCTURES

Date(s) of execution of Declaration:

Filing Date: September 18, 2014

Application No.: 62/052,327; and

WHEREAS, First Data Corporation doing business at 6200 South Quebec Street, Greenwood Village, Colorado 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;

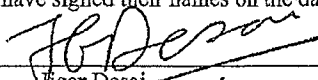
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial 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 Assignors will, without charge to Assignors, 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 waive any obligation of the Assignee to file foreign counterparts on the invention or continue pursuit of prosecution of U.S. Patent applications or foreign counterparts to the invention on behalf of the Assignors without any obligation of the Assignee to offer those rights to the Assignors even if the Assignee forgoes filing in a country or decides to not further prosecute an application in any country.

Assignors hereby authorize and request Kilpatrick Townsend and Stockton 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: 12/23/14

  
\_\_\_\_\_  
Jigar Desai

Dated: \_\_\_\_\_

\_\_\_\_\_  
Francis Pavlik

Assignment  
Attorney Docket No.: 87188-915455 (101100US)  
Page 2

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Sanchez

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Francis

Dated: \_\_\_\_\_

\_\_\_\_\_  
Deneen Luxford

Dated: 01/07/2015

Eva Russo  
\_\_\_\_\_  
Eva Russo

Dated: \_\_\_\_\_

\_\_\_\_\_  
Phillip Wiggins

ASSIGNMENT OF PATENT APPLICATION

WHEREAS Jigar Desai, residing at 2240 New Market Parkway SE., Marietta, GA; Francis Pavlik, residing at 215 Winding River Dr., Unit E, Sandy Springs, GA 30350; Scott Sanchez, residing at 224 Broadland Court NW., Atlanta, GA 30342; Scott Francis, residing at 2009 Hibernia Bend, Decatur, GA 30030, Deneen Luxford, residing at 6295 Sturbridge Lane, Cumming, GA 30040; Eva Russo, residing at 1105 Town Blvd., Apt. 1713, Atlanta, GA 30319; and Phillip Wiggins residing at 9203 Northlake Heights Circle, Atlanta, GA 30345, 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: MESSAGE HANDING AT A MOBILE GATEWAY FOR MANAGING DATA STRUCTURES AND SUB-STRUCTURES

Date(s) of execution of Declaration:

Filing Date: September 18, 2014

Application No.: 62/052,327; and

WHEREAS, First Data Corporation doing business at 6200 South Quebec Street, Greenwood Village, Colorado 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 Assignors will, without charge to Assignors, 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 waive any obligation of the Assignee to file foreign counterparts on the invention or continue pursuit of prosecution of U.S. Patent applications or foreign counterparts to the invention on behalf of the Assignors without any obligation of the Assignee to offer those rights to the Assignors even if the Assignee forgoes filing in a country or decides to not further prosecute an application in any country.

Assignors hereby authorize and request Kilpatrick Townsend and Stockton 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: 12/23/14

J. Desai
Jigar Desai

Dated:

Francis Pavlik

Assignment  
Attorney Docket No.: 87188-915455 (101100US)  
Page 2

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Sanchez

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scott Francis


Dated: \_\_\_\_\_

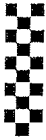
\_\_\_\_\_  
Deneen Luxford

Dated: \_\_\_\_\_

\_\_\_\_\_  
Eva Russo

Dated: 01/05/14

  
\_\_\_\_\_  
Phillip Wiggins



Attorney Docket No.: 87188-915455 (101100US)

ASSIGNMENT OF PATENT APPLICATION

WHEREAS Jigar Dosai, residing at 2240 New Market Parkway SE., Marietta, GA; Francis Pavlik, residing at 215 Windling River Dr., Unit E, Sandy Springs, GA 30350; Scott Sanchez, residing at 224 Broadland Court NW., Atlanta, GA 30342; Scott Francis, residing at 2009 Hibernia Bend, Decatur, GA 30030, Deneen Luxford, residing at 6295 Sturbridge Lane, Cumming, GA 30040; Eva Russo, residing at 1105 Town Blvd., Apt. 1713, Atlanta, GA 30319; and Phillip Wiggins residing at 9203 Northlake Heights Circle, Atlanta, GA 30345, 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: MESSAGE HANDING AT A MOBILE GATEWAY FOR MANAGING DATA STRUCTURES AND SUB-STRUCTURES

Date(s) of execution of Declaration:

Filing Date: September 18, 2014

Application No.: 62/052,327; and

WHEREAS, First Data Corporation doing business at 6200 South Quebec Street, Greenwood Village, Colorado 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 Assignors will, without charge to Assignors, 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 waive any obligation of the Assignee to file foreign counterparts on the invention or continue pursuit of prosecution of U.S. Patent applications or foreign counterparts to the invention on behalf of the Assignors without any obligation of the Assignee to offer those rights to the Assignors even if the Assignee forgoes filing in a country or decides to not further prosecute an application in any country.

Assignors hereby authorize and request Kilpatrick Townsend and Stockton 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: 2/23/15

Dated: 2/23/15

Jigar Dosai
Francis Pavlik