

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5642389

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH	07/29/2019

RECEIVING PARTY DATA

Name:	FIRST DATA CORPORATION
Street Address:	6200 S. QUEBEC ST.
City:	GREENWOOD VILLAGE
State/Country:	COLORADO
Postal Code:	80111
Name:	CLOVER NETWORK, INC.
Street Address:	785 CASTRO ST.
Internal Address:	UNIT A
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94041
Name:	MONEY NETWORK FINANCIAL, LLC
Street Address:	6200 S. QUEBEC ST.
City:	GREENWOOD VILLAGE
State/Country:	COLORADO
Postal Code:	80111

PROPERTY NUMBERS Total: 161

Property Type	Number
Application Number:	11957900
Application Number:	10387042
Application Number:	11536563
Application Number:	13032878
Application Number:	13004595
Application Number:	12982455
Application Number:	13276574
Application Number:	13331745
Application Number:	13315169

PATENT

Property Type	Number
Application Number:	13314988
Application Number:	13327593
Application Number:	13253756
Application Number:	13284390
Application Number:	13408482
Application Number:	13412451
Application Number:	13406402
Application Number:	13407574
Application Number:	13481356
Application Number:	13481364
Application Number:	13481346
Application Number:	13481352
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Application Number:	13481433
Application Number:	13481437
Application Number:	13493316
Application Number:	13447024
Application Number:	13493867
Application Number:	13490226
Application Number:	09045399
Application Number:	10421604
Application Number:	11223441
Application Number:	29284799
Application Number:	11778519
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Application Number:	12025258
Application Number:	11849766
Application Number:	11421839
Application Number:	11877061
Application Number:	11928315
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Application Number:	12392651
Application Number:	12177719
Application Number:	11926723
Application Number:	12355712
Application Number:	29331626

Property Type	Number
Application Number:	12364133
Application Number:	12268839
Application Number:	12197431
Application Number:	12128229
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Application Number:	11836211
Application Number:	12361398
Application Number:	11924828
Application Number:	12352517
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Application Number:	11539858
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Application Number:	11956221
Application Number:	11966238
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Application Number:	12037826
Application Number:	12369511
Application Number:	11957888
Application Number:	11875453
Application Number:	12758397
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Application Number:	11864231
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Application Number:	11966223

Property Type	Number
Application Number:	12020496
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Application Number:	12104904
Application Number:	12169024
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Application Number:	12258985
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Application Number:	12262400
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Application Number:	12389863
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Application Number:	12396263
Application Number:	12396265
Application Number:	12403994
Application Number:	12407699
Application Number:	12409340
Application Number:	12423633
Application Number:	12424089
Application Number:	12427599
Application Number:	12465138

Property Type	Number
Application Number:	12487208
Application Number:	12491716
Application Number:	12641239
Application Number:	12641598
Application Number:	12644150
Application Number:	12649625
Application Number:	12650856
Application Number:	12650868
Application Number:	12693170
Application Number:	12715648
Application Number:	12776931
Application Number:	12859092
Application Number:	11935976
Application Number:	13169088
Application Number:	13242844
Application Number:	13300265
Application Number:	13425051
Application Number:	13426046
Application Number:	13595845
Application Number:	13554848
Application Number:	13628977
Application Number:	13629059
Application Number:	13629175
Application Number:	13629229
Application Number:	13630720
Application Number:	13627654
Application Number:	13627683
Application Number:	13627678
Application Number:	13627665
Application Number:	13627670
Application Number:	13601451
Application Number:	13650671
Application Number:	13650659
Application Number:	13114422
Application Number:	13670075
Application Number:	13669224
Application Number:	13244605
Application Number:	13666891

CORRESPONDENCE DATA**Fax Number:** (202)408-3141

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: 202-408-3121 X62348**Email:** jean.paterson@cscglobal.com**Correspondent Name:** CSC**Address Line 1:** 1090 VERMONT AVENUE NW, SUITE 430**Address Line 4:** WASHINGTON, D.C. 20005**ATTORNEY DOCKET NUMBER:** 864044-5**NAME OF SUBMITTER:** JEAN PATERSON**SIGNATURE:** /jep/**DATE SIGNED:** 07/30/2019**Total Attachments: 11**

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RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this “Release”), dated as of July 29, 2019 (the “Effective Date”), is made by Credit Suisse AG, Cayman Islands Branch, in its capacity as Collateral Agent (the “Agent”), in favor of the grantor parties identified on Schedule 1 hereto (the “Grantors”).

WHEREAS, pursuant to that certain Security Agreement, dated as of September 24, 2007, by and among the Agent, the Grantors and certain other parties thereto (as amended, amended and restated, or otherwise modified from time to time, the “Security Agreement”), the Grantors granted to the Agent, in its capacity as Collateral Agent, a security interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Supplemental Patent Security Agreement, dated as of March 20, 2013 (the “Patent Security Agreement”) for recordal with the United States Patent and Trademark Office;

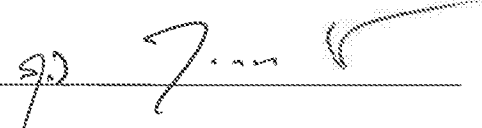
WHEREAS, the March 2013 Patent Security Agreement was recorded with the United States Patent and Trademark Office on March 25, 2013 at Reel/Frame 030080/0531;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

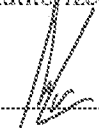
1. Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Patent Security Agreement, as applicable.
2. Release of Collateral. The Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its lien on and security interest in and to the Patents set forth Schedule 2 attached hereto (the “Patent Collateral”) and all Proceeds of any and all of the foregoing. If and to the extent that the Agent has acquired any right, title or interest in and to the Patent Collateral, the Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the Grantors.
3. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantors and their successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantors, at the Grantors’ sole cost and expense, to more fully and effectively effectuate the purposes of this Release.
4. Governing Law. This Release shall be governed exclusively under the laws of New York, without regard to conflicts of law or choice of law principles.

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

**CREDIT SUISSE AG, CAYMAN ISLANDS
BRANCH, acting in its capacity as Collateral Agent
for the Secured Parties**

By: 
Name: John D. Toronto

Title: Authorized Signatory

By: 
Name: Michael Loser

Title: Authorized Signatory

Schedule 1

GRANTORS:

FIRST DATA CORPORATION

CLOVER NETWORK, INC.

MONEY NETWORK FINANCIAL, LLC

Schedule 2

Registrations:

	Asignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
1.	First Data Corporation	Centralized processing of checks for distributed merchant locations	11/957900 12/17/2007	7978901 07/12/2011
2.	First Data Corporation	Systems and methods for verifying authorization at a point of control	10/387042	
3.	First Data Corporation	EFT mobile communications	11/536563	
4.	First Data Corporation	Electronic market tracking and reporting systems and methods	13/032878 02/23/2011	
5.	First Data Corporation and Fexco Merchant Services	Purchaser-specific currency conversion	13/004595 01/11/2011	
6.	First Data Corporation	Systems and methods for using a token as a payment in a transaction	12/982455 12/30/2010	
7.	First Data Corporation	Payment delegation transaction processing	13/276574	
8.	First Data Corporation	Systems and methods for verifying healthcare visits	13/331745	
9.	First Data Corporation	Mapping analytics system for activity growth	13/315169 12/08/2011	
10.	First Data Corporation	Transaction location analytics systems and methods	13/314988 12/08/2011	
11.	First Data Corporation	Point-of-sale based market tracking and reporting	13/327593 12/15/2011	8224687 07/07/2012
12.	First Data Corporation	Analytics systems and methods for discount instruments	13/253756 10/05/2011	
13.	First Data Corporation	System for remote printing of negotiable instruments	13/284390 10/28/2011	
14.	First Data Corporation	Network analytics systems and methods	13/408482 02/29/2012	
15.	First Data Corporation	Financial data normalization systems and methods	13/412451 03/05/2012	
16.	First Data Corporation	Systems and methods for analyzing the effectiveness of a promotion	13/406402 02/27/2012	
17.	First Data Corporation	Loyalty analytics systems and methods	13/407574 02/28/2012	
18.	First Data Corporation	Systems and methods for authenticating mobile devices	13/481356 05/25/2012	
19.	First Data Corporation	Systems and methods for authenticating mobile devices	13/481364 05/25/2012	
20.	First Data Corporation	Systems and methods for providing test keys to mobile devices	13/481346 05/25/2012	
21.	First Data Corporation	Provisioning by delivered items	13/481352 05/25/2012	
22.	First Data Corporation	Systems and methods for identifying devices by a trusted service manager	13/481377 05/25/2012	
23.	First Data Corporation	Systems and methods for encrypting mobile device communications	13/481387 05/25/2012	
24.	First Data Corporation	Systems and methods for tokenizing financial information	13/481394 05/25/2012	

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
25.	First Data Corporation	Systems and methods for authenticating mobile devices	13/481433 05/25/2012	
26.	First Data Corporation	Card-present on-line transactions	13/481437 05/25/2012	
27.	First Data Corporation	Processing transaction with an extended application ID and dynamic cryptograms	13/493316 06/11/2012	
28.	First Data Corporation	Investment portfolio analytics systems and methods	13/447024 04/13/2012	
29.	First Data Corporation	Systems and methods for analyzing the effectiveness of a promotion	13/493867 06/11/2012	
30.	First Data Corporation	Systems and methods for storing and accessing electronic receipts	13/490226	
31.	First Data Corporation and The Western Union Company*	Point of Sale Device	09/045399 03/20/1998	6003008 12/14/1999
32.	First Data Corporation	Multi-purse Card System and Methods	10/421604 04/22/2003	7316350 01/08/2008
33.	Money Network, LLC	Enhanced Pre-Allocated Check Negotiability Systems and Methods	11/223441 09/09/2005	7475811 01/13/2009
34.	First Data Corporation	Point of Sale Device	29/284799 09/14/2007	D587744 03/03/2009
35.	First Data Corporation	Suspicious Persons Database	11/778519 07/16/2007	7500599 03/10/2009
36.	First Data Corporation	Sheet Processing Systems and Methods	11/869643 10/09/2007	7537204 05/26/2009
37.	First Data Corporation and the Western Union Company*	Alternative Payment Devices Using Electronic Check Processing as a Payment Mechanism	12/025258 02/04/2008	7543736 06/09/2009
38.	First Data Corporation	Financial Presentation Instruments with Integrated Holder and Methods for Use	11/849766 09/04/2007	7559479 07/14/2009
39.	First Data Corporation and the Western Union Company*	ATM Systems And Methods For Cashing Checks	11/421839 06/02/2006	7559461 07/14/2009
40.	First Data Corporation	Profitability Evaluation in Transaction Decision	11/877061 10/23/2007	7593895 09/22/2009
41.	First Data Corporation	Method for Providing a Money Transfer Service Through Payment Enabler System	11/928315 10/30/2007	7610222 10/27/2009
42.	First Data Corporation	Methods and systems for coordinating a change in status of stored value account	12/147944 06/27/2008	7668751 02/23/2010
43.	First Data Corporation	Systems and Methods for Performing a Simplified Risk Assessment	12/392651 02/25/2009	7699221 04/20/2010
44.	First Data Corporation and the Western Union Company	Stored Value Cards and Methods for Their Issuance	12/177719 07/22/2008	7774209 08/10/2010
45.	First Data Corporation	System and Method for Validation of Transactions	11/926723 10/29/2007	7774076 08/10/2010
46.	First Data Corporation	Manufacturing unique devices that generate digital signatures	12/355712 01/16/2009	7784106 08/24/2010
47.	First Data Corporation	Point of Sale Device	29/331626 01/19/2009	D603893 11/10/2009
48.	First Data Corporation and the Western Union Company*	Wireless communication device account payment notification systems and methods	12/364133 02/02/2009	7840466 11/23/2010

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
49.	First Data Corporation	Accessing financial accounts with 3D bar code	12/268839 11/11/2008	7845558 12/07/2010
50.	First Data Corporation and the Western Union Company*	Internet-based money order system	12/197431 08/25/2008	7853522 12/14/2010
51.	First Data Corporation	Systems and methods of payment account activation	12/128229 05/28/2008	7885878 02/08/2011
52.	First Data Corporation	System and method for authorizing electronic payment transactions	12/174228 07/16/2008	7896234 03/01/2011
53.	First Data Corporation	Systems and methods for assessing the risk of a financial transaction using authentication marks	11/925629 10/26/2007	7905396 03/15/2011
54.	Money Network, LLC	Enhanced Pre-Allocated Check Negotiability Systems and Methods	11/836211 08/09/2007	7500600 03/10/2009
55.	Money Network, LLC	Enhanced Pre-Allocated Check Negotiability Systems and Methods	12/361398 01/28/2009	7658322 02/09/2010
56.	First Data Corporation	Methods and systems for providing guaranteed merchant transactions	11/924828 10/26/2007	7967195 06/28/2011
57.	First Data Corporation	System and Method for Activating Telephone-Based Payment Instrument	12/352517 01/12/2009	7922077 04/12/2011
58.	First Data Corporation	Multi-factor authentication platform	11/951425 12/06/2007	7930264 04/19/2011
59.	First Data Corporation	Systems and methods for interfacing location-based devices	11/936376 11/07/2007	7959069 06/14/2011
60.	First Data Corporation	Electronic Payment Instrument and Packaging	11/539858 10/09/2006	7991692 08/02/2011
61.	First Data Corporation	Stored value card transaction control systems and methods	12/111692 04/29/2008	8025221 09/27/2011
62.	First Data Corporation	Electronic Verification Service Systems and Methods	11/971060 01/08/2008	7979894 07/12/2011
63.	First Data Corporation	Systems and methods for redeeming rewards associated with accounts	11/956221 12/13/2007	8073736 12/06/2011
64.	First Data Corporation	Personal check acceptance systems and methods	11/966238 12/28/2007	8036938 10/11/2011
65.	First Data Corporation	OneTime Passwords for Mobile Wallets	12/365697 02/04/2009	8095113 01/10/2012
66.	First Data Corporation	Wireless translation device	12/037826 02/26/2008	8107881 01/31/2012
67.	First Data Corporation	System and Method for Proving Data Services VIA a Network	12/369511 02/11/2009	8140887 03/20/2012
68.	First Data Corporation	Generation of receipts for check point of sale device	11/957888 12/17/2007	8195570 06/05/2012
69.	First Data Corporation	Manufacturing system to produce contactless devices with switches	11/875453 10/19/2007	8157178 04/17/2012
70.	First Data Corporation	POS-Based Market Tracking and Reporting	12/758397 04/12/2010	8195500 06/05/2012
71.	First Data Corporation	Applicant authentication	11/874584 10/18/2007	8255318 08/28/2012
72.	First Data Corporation	Centralized discount searching	11/685676 03/13/2007	
73.	First Data Corporation	Transfer of value between mobile devices in a mobile commerce system	11/830436 07/30/2007	

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
74.	First Data Corporation	Mobile Systems and Methods for Exchanging Point Values	11/838700 08/14/2007	
75.	First Data Corporation	Data element specific transaction routing	11/849670 09/04/2007	
76.	First Data Corporation	Digital signature authentication	11/854879 09/13/2007	
77.	First Data Corporation	Service discovery via mobile imaging systems and methods	11/864231 09/28/2007	
78.	First Data Corporation	Systems and methods for stored-value exchange within social networking environments	11/868831 10/08/2007	
79.	First Data Corporation	OneTime passwords for mobile wallets	11/873611 10/17/2007	
80.	First Data Corporation	Authorizations for mobile contactless payment transactions	11/875103 10/19/2007	
81.	First Data Corporation	Processing system for acquiring and reporting compliance with data security requirements	11/923113 10/24/2007	8346636 01/01/2013
82.	First Data Corporation	Methods and systems for handling of mobile discount certificates using mobile devices	11/924248 10/25/2007	
83.	First Data Corporation	Integrated service discovery systems and methods	11/925181 10/26/2007	
84.	First Data Corporation	Systems and methods for redeeming rewards associated with accounts	11/956256 12/13/2007	
85.	First Data Corporation	Authentic third-party check cashing	11/966223 12/28/2007	
86.	First Data Corporation	Method and System for Providing Translated Dynamic Web Page Content	12/020496 01/25/2008	
87.	First Data Corporation	Method and system for authenticating customer identities	12/023537 01/31/2008	
88.	First Data Corporation	Merchant-initiated adjustments	12/024536 02/01/2008	
89.	First Data Corporation	Methods and Systems for Establishing Investment Accounts Associated with Presentation Instruments	12/027798 02/07/2008	
90.	First Data Corporation	Secure Authorization of Contactless Transaction	12/031864 02/15/2008	
91.	First Data Corporation and the Western Union Company*	Electronic purchasing and funds transfer systems and methods	12/048109 03/13/2008	
92.	First Data Corporation	Customer loyalty program with shared data and sub-programs	12/052962 03/21/2008	
93.	First Data Corporation	Methods and systems for dynamically generating coupons associated with presentation instruments	12/057759 03/28/2008	
94.	First Data Corporation	Mobile commerce infrastructure systems and methods	12/100082 04/09/2008	
95.	First Data Corporation	Point of Sale coupon systems and methods	12/104904 04/17/2008	
96.	First Data Corporation	Customer pre-selected electronic coupons	12/169024 07/08/2008	

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
97.	First Data Corporation	Mobile payment adoption by adding a dedicated payment button to mobile device form factors	12/179760 07/25/2008	
98.	First Data Corporation	Methods and systems for online fraud protection	12/190392 08/12/2008	
99.	First Data Corporation	Managing mobile marketing offers	12/194720 08/20/2008	
100.	First Data Corporation	Filtering mobile marketing offers	12/194724 08/20/2008	
101.	First Data Corporation	Securing Outbound Mail	12/194733 08/20/2008	
102.	First Data Corporation	Car Wallet Application	12/201122 08/29/2008	
103.	First Data Corporation	Enabling Consumer Choice on Contactless Transactions when using a Dual-Branded Payment Instrument	12/203842 09/03/2008	
104.	First Data Corporation	Methods and Systems for Business-to-Business Electronic Payment Processing	12/247835 10/08/2008	
105.	First Data Corporation	Devices and Methods for Protecting a Packaged Radio Frequency Identification Device from Electronic Reading	12/258985 10/27/2008	
106.	First Data Corporation	Systems, Methods, and Apparatus to Facilitate Locating a User of a Transaction Device	12/259364 10/28/2008	
107.	First Data Corporation	Systems, Methods, and Apparatus for Using a Contactless Transaction Device Reader with a Computing System	12/262400 10/31/2008	
108.	First Data Corporation	Identifying and Sharing Common Trends	12/354078 01/15/2009	
109.	First Data Corporation	Dynamic Primary Account Number (PAN) and Unique Key Per Card	12/357579 01/22/2009	
110.	First Data Corporation	Systems and Methods for Financial Account Access for a Mobile Device via a Gateway	12/361309 01/28/2009	
111.	First Data Corporation	Systems, Methods and Apparatus for Selecting a Payment Account for a Payment Transaction	12/389863 02/20/2009	
112.	First Data Corporation	Systems, Methods, and Devices for Prompting Mobile Device Users for Feedback Information Using Tone Transmissions	12/396248 03/02/2009	
113.	First Data Corporation	Systems, Methods, and Apparatus Providing Promotion Information to a Mobile Device	12/396258 03/02/2009	
114.	First Data Corporation	Systems, Methods, and Apparatus for Receiving Promotion Information by a Mobile Device	12/396259 03/02/2009	
115.	First Data Corporation	Systems, Methods, and Devices for Processing Feedback Information Received from Mobile Devices Responding to Tone Transmissions	12/396263 03/02/2009	
116.	First Data Corporation	Systems, Methods, and Apparatus for Facilitating Transactions Using a Mobile Device	12/396265 03/02/2009	

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
117.	First Data Corporation	System and Method for Preparing Card Replacement	12/403994 03/13/2009	
118.	First Data Corporation	Systems and Methods for Delivering Advertising Content to Point of Sale Devices	12/407699 03/19/2009	
119.	First Data Corporation	Electronic Network Access Device	12/409340 03/23/2009	8321338 11/27/2012
120.	First Data Corporation	Flat Card Production Systems and Methods	12/423633 04/14/2009	
121.	First Data Corporation	Systems and methods Providing Multiple Account Holder Functionality	12/424089 04/45/2009	
122.	First Data Corporation	Systems and Methods for Pre-Paid Futures Procurement	12/427599 04/21/2009	8346611 01/01/2013
123.	First Data Corporation	Systems and Methods for Providing Trusted Service Management Services	12/465138 05/13/2009	
124.	First Data Corporation	Systems, Methods, and Apparatus Providing Promotional Information to a Mobile Asset	12/487208 06/18/2009	
125.	First Data Corporation, LehighPress Inc.* and Visant Corp.*	Systems and methods for distributing incentives to consumers to encourage subsequent action	12/491716 06/25/2009	
126.	First Data Corporation	Enrollment Authentication with Entry of Partial Primary Account Number(PAN)	12/641239 12/17/2009	
127.	First Data Corporation	Authentication of Card-Not-Present Transactions	12/641598 12/18/2009	
128.	First Data Corporation	Payment Terminal Messaging	12/644150 12/22/2009	
129.	First Data Corporation	Secure Transaction Management	12/649625 12/30/2009	
130.	First Data Corporation	Systems and Methods for Processing a Transaction Associated with a Contactless Transaction Card	12/650856 12/31/2009	
131.	First Data Corporation	Systems and Methods for Processing a Contactless Transaction Card	12/650868 12/31/2009	
132.	First Data Corporation	Payment Device Photo Album	12/693170 01/25/2010	
133.	First Data Corporation	Advanced Card Merge Machine	12/715648 03/02/2010	
134.	First Data Corporation	Mobile Coupon Analysis Systems and Methods	12/776931 05/10/2010	
135.	First Data Corporation	Wireless Communication Device Account Payment Notification Systems and Methods	12/859092 08/18/2010	
136.	Money Network Financial, LLC	Negotiable instrument to presentation instrument value porting systems and methods	11/935976 11/06/2007	8286860 10/16/2012
137.	First Data Corporation	Electronic Payment Instrument and Packaging	13/169088 06/27/2011	8296233 10/23/2012
138.	First Data Corporation	Stored value card transaction control systems and methods	13/242844 09/23/2011	
139.	First Data Corporation	Value processing network and methods	13/300265 11/18/2011	
140.	First Data Corporation and the Western Union Company*	Electronic purchasing and funds transfer systems and methods	13/425051 03/20/2012	

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
141.	First Data Corporation	Methods And Systems For Processing Transactions	13/426046 03/21/2012	
142.	First Data Corporation	ELECTRONIC PAYMENT INSTRUMENT AND PACKAGING	13/595845	
143.	First Data Corporation	ENHANCED TRANSACTION PROCESSING	13/554848	
144.	First Data Corporation	ENHANCED TRANSACTION PROCESSING	13/628977	
145.	First Data Corporation	ENHANCED TRANSACTION PROCESSING	13/629059	
146.	First Data Corporation	ENHANCED TRANSACTION PROCESSING	13/629175	
147.	First Data Corporation	ENHANCED TRANSACTION PROCESSING	13/629229	
148.	First Data Corporation	ENHANCED TRANSACTION PROCESSING	13/630720	
149.	First Data Corporation	SYSTEMS AND METHODS FOR PROCESSING PAYMENT TRANSACTIONS - CLOSED LOOP INTEROPERABILITY	13/627654	
150.	First Data Corporation	SYSTEMS AND METHODS FOR PROVIDING VALUE ADDED SERVICES IN ASSOCIATION WITH PAYMENT TRANSACTIONS - VALUE ADDED SERVICES	13/627683	
151.	First Data Corporation	SYSTEMS AND METHODS FOR ENROLLING CONSUMERS IN LOYALTY PROGRAMS - AUTO ENROLLMENT	13/627678	
152.	First Data Corporation	SYSTEMS AND METHODS FOR FACILITATING COMMUNICATION BETWEEN A POINT OF SALE DEVICE AND A CONSUMER DEVICE - SINGLE TAP	13/627665	
153.	First Data Corporation	SYSTEMS AND METHODS FOR FACILITATING CARD PRESENT TRANSACTIONS - ECOMMERCE CARD PRESENT	13/627670	
154.	First Data Corporation	SYSTEMS AND METHODS FOR ROUTING DEBIT TRANSACTIONS	13/601451	
155.	First Data Corporation	SYSTEMS AND METHODS FOR FACILITATING POINT OF SALE TRANSACTIONS	13/650671	
156.	First Data Corporation	SYSTEMS AND METHODS FOR FACILITATING POINT OF SALE TRANSACTIONS	13/650659	
157.	First Data Corporation	Methods and systems for providing guaranteed merchant transactions	13/114422	
158.	First Data Corporation	Systems and methods for optimizing the routing of debit transactions	13/670075	
159.	First Data Corporation	Financial transaction routing	13/669224	

	Assignee	Patent Title	Serial No. Filing Date	Patent No. Issue Date
160.	Clover Network, Inc.	Web and mobile device advertising	13/244605 09/25/2011	
161.	Clover Network, Inc.	Mobile payment and identity verification system	13/666891	