

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM486831

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Release (R6313F0623)		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
JPMorgan Chase Bank, N.A.		08/20/2018	Bank: UNITED STATES
RECEIVING PARTY DATA			
Name:	VeriFone, Inc.		
Street Address:	88 W. Plumeria Drive		
City:	San Jose		
State/Country:	CALIFORNIA		
Postal Code:	95134		
Entity Type:	Corporation: DELAWARE		
Name:	Hypercom Corporation		
Street Address:	88 W. Plumeria Drive		
City:	San Jose		
State/Country:	CALIFORNIA		
Postal Code:	95134		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	5235170	VERIFONE	
Registration Number:	5219588	VERIFONE CARBON	
Registration Number:	4994063	VERIFONE	
Registration Number:	4844308	POINT.	
Registration Number:	4844307	VERIFONE POINT	
CORRESPONDENCE DATA			
Fax Number:	2024083141		
<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>			
Phone:	2024083141		
Email:	jean.paterson@cscglobal.com		
Correspondent Name:	CSC		
Address Line 1:	1090 Vermont Avenue, NW		
Address Line 4:	Washington, D.C. 20005		

CH \$140.00 5235170

TRADEMARK

ATTORNEY DOCKET NUMBER:	356817-6
NAME OF SUBMITTER:	Jean Paterson
SIGNATURE:	/jep/
DATE SIGNED:	08/21/2018

Total Attachments: 25

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RELEASE OF SECURITY INTEREST IN PATENTS AND TRADEMARKS

This RELEASE OF SECURITY INTEREST IN PATENTS AND TRADEMARKS (this “Release”), dated as of August 20, 2018 (the “Effective Date”), is made by JPMORGAN CHASE BANK, N.A., in its capacity as administrative agent and collateral agent (the “Agent”), in favor of the grantor parties identified on Annex I hereto (the “Grantors”).

WHEREAS, pursuant to that certain Security Agreement, dated as of December 28, 2011, 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 Agent, a security interest in and to certain Patent and Trademark Collateral, including security interests in and to the patents and patent applications set forth in Schedule A and the trademarks and trademark applications set forth in Schedule B;

WHEREAS, pursuant to the Security Agreement, the Grantors executed and delivered a Grant of Security Interest in United States Patents and Trademarks, dated as of December 28, 2011 (the “2011 Patent and Trademark Security Agreement”), a Grant of Security Interest in United States Patents and Trademarks, dated as of July 8, 2014 (the “2014 Patent and Trademark Security Agreement”) and a Grant of Security Interest in United States Patents and Trademarks, dated as of February 2, 2018 (the “2018 Patent and Trademark Security Agreement” and, together with the 2011 Patent and Trademark Security Agreement and the 2014 Patent and Trademark Security Agreement, the “Patent and Trademark Security Agreements”), for recordal with the United States Patent and Trademark Office;

WHEREAS, the 2011 Patent and Trademark Security Agreement was recorded with the United States Patent and Trademark Office on January 4, 2012 at Reel/Frame 027472/0851 and 4690/0649, the 2014 Patent and Trademark Security Agreement was recorded with the United States Patent and Trademark Office on July 9, 2014 at Reel/Frame 033282/0757 and 5319/0238, and the 2018 Patent and Trademark Security Agreement was recorded with the United States Patent and Trademark Office on March 13, 2018 at Reel/Frame 045575/0019 and on April 10, 2018 at Reel/Frame 6313/0623;

WHEREAS, pursuant to the Patent and Trademark Security Agreements, each Grantor granted to the Agent a security interest in all of its right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the “Patent and Trademark Collateral”), whether then existing or thereafter arising or acquired: (i) each United States patent and patent application, including each Patent and Patent Application referred to on Schedule A hereto; (ii) each Patent License, including each Patent License listed on Schedule A hereto; (iii) each United States trademark, trademark registration and trademark application, and all of the goodwill of the business connected with the use of, and symbolized by, each trademark, trademark registration and trademark application, including each Trademark, Trademark Registration and Trademark Application referred to in Schedule B hereto, excluding in all cases any United States intent-to-use trademark applications until and unless a Statement of Use or an Amendment to Allege Use has been filed and accepted by the United States Patent and Trademark Office with respect to such intent-to-use application; (iv) each Trademark License, whether registered or not, including each Trademark License referred to in Schedule B hereto, and all of the goodwill of the business connected with the use of, and symbolized by, each Trademark; and (v) all products and proceeds of the foregoing, including any claim by the Grantors against third parties for past, present or future infringement of any Patent, or past, present or future infringement or dilution of any Trademark or Trademark registration, including any Patent or Trademark listed on Schedule A or B hereto, or under any Patent or Trademark licensed under any Patent License or Trademark License, including any such License listed on Schedule A or B hereto, or for injury to the goodwill associated with any Trademark, Trademark registration or Trademark License;

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 and Trademark Security Agreements, as applicable.

2. Release. The Agent, without representation or warranty of any kind, hereby releases, discharges, terminates and cancels all of its security interest in and to the Patent and Trademark Collateral, in each case arising under the Security Agreement and the Patent and Trademark Security Agreements. If and to the extent that the Agent has acquired any right, title or interest in and to the Patent and Trademark Collateral of any Grantor under the Security Agreement or the Patent and Trademark Security Agreements, the Agent, without representation or warranty of any kind, hereby re-transfers, re-conveys and re-assigns such right, title or interest to the applicable Grantor.

3. Termination. The Agent, without representation or warranty of any kind, terminates and cancels the Patent and Trademark Security Agreements.

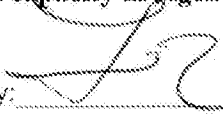
4. Further Assurances. The Agent agrees to take all further actions, and provide to the Grantors and its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantors, at the Grantors' sole cost and expense, to more fully and effectively effectuate the purposes of this Release.

5. Governing Law. This Release shall be governed exclusively under the laws of the State of New York, without regard to conflicts of law or choice of law principles.

[Signature pages follow]

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

**JPMORGAN CHASE BANK, N.A., acting in
its capacity as Agent for the Lenders**

By: 

Name: Timothy D. Lee
Executive Director
Title:

ANNEX I

Grantors:

VeriFone, Inc.
Hypercom Corporation
Global Bay Mobile Technologies Inc.
Verifone Media, LLC

SCHEDULE A

PATENT AND PATENT APPLICATIONS

Execution date: 12/28/2011

Recordation date: 01/04/2012

Reel 027472 / Frame 0851

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	VeriFone, Inc.	Detecting forged magstripe data through relative variations in flux transition location, system and method	12188114	08/07/2008		
2.	VeriFone, Inc.	Personal token read system and method	11839053	08/15/2007		
3.	VeriFone, Inc.	Method and apparatus for securing and authenticating encoded data and documents containing such data	09901920	07/09/2001	7162636	01/09/2007
4.	VeriFone, Inc.	Method and apparatus for securing and authenticating encoded data and documents containing such data	09901846	07/09/2001	7171560	01/30/2007
5.	VeriFone, Inc.	Method and apparatus for securing and authenticating encoded data and documents containing such data	11614941	12/21/2006	7543151	06/02/2009
6.	VeriFone, Inc.	Method and apparatus for securing and authenticating encoded data and documents containing such data	11842097	08/20/2007	7725726	05/25/2010
7.	VeriFone, Inc.	Proximity detection by portable devices	12407292	03/19/2009		
8.	VeriFone, Inc.	Mobile device equipped with a contactless smart card reader/writer	10625823	07/23/2003		
9.	VeriFone, Inc.	System and method for mobile payment and fulfillment of digital goods	10729043	12/05/2003		
10.	VeriFone, Inc.	Batch settlement transactions system and method	11550387	10/17/2006		
11.	VeriFone, Inc.	Pin encryption device security	11750511	05/18/2007		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
12.	VeriFone, Inc.	Pin block replacement	11839698	08/16/2007		
13.	VeriFone, Inc.	Metrics systems and methods for token transactions	(11840141)	08/16/2007		
14.	VeriFone, Inc.	System and method for secure transaction	11953253	12/10/2007		
15.	VeriFone, Inc.	System and method for updating a transactional device	11953280	12/10/2007		
16.	VeriFone, Inc.	Transparently securing data for transmission on financial networks	12110106	04/25/2008		
17.	VeriFone, Inc.	Secured keypad devices	12355857	01/19/2009		
18.	VeriFone, Inc.	Variable-length cipher system and method	12481504	06/09/2009		
19.	VeriFone, Inc.	Secure point of sale terminal	12666054	08/01/2011		
20.	VeriFone, Inc.	Point of sale terminal having enhanced security	12715794	03/02/2010		
21.	VeriFone, Inc.	Password-protected physical transfer of password-protected devices	12748776	03/29/2010		
22.	VeriFone, Inc.	Secure data entry device	12758150	04/12/2010		
23.	VeriFone, Inc.	Retrofit data communication at filling stations	12837192	07/15/2010		
24.	VeriFone, Inc.	Payment systems and methodologies	13006137	01/13/2011		
25.	VeriFone, Inc.	System and method for variable length encryption	13081445	04/06/2011		
26.	VeriFone, Inc.	Fluid ingress resistant magnetic stripe reader assembly	13207359	08/10/2011		
27.	VeriFone, Inc.	Secure token access distributed database system	10365051	02/12/2003	7509499	03/24/2009
28.	VeriFone, Inc.	Device for secure read, write and read/modify/write operation with divided track transducer head	10427860	05/01/2003	6830183	12/14/2004

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
29.	VeriFone, Inc.	Mobile communication device equipped with a magnetic stripe reader	10695585	10/28/2003	7336973	02/26/2008
30.	VeriFone, Inc.	System and method for mobile transactions using the bearer independent protocol	10803825	03/18/2004	7280847	10/09/2007
31.	VeriFone, Inc.	System and method for securely storing, generating, transferring and printing electronic prepaid vouchers	10808697	03/25/2004	7188089	03/06/2007
32.	VeriFone, Inc.	Secure magnetic stripe reader for handheld computing and method of using same	10936359	09/07/2004	7309012	12/18/2007
33.	VeriFone, Inc.	Transparently securing data for transmission on financial networks	11127862	05/12/2005	7506812	03/24/2009
34.	VeriFone, Inc.	Magnetic stripe reader with power management control for attachment to a pda device	11181711	07/14/2005	7430674	09/30/2008
35.	VeriFone, Inc.	Thermal transfer device	11199681	08/08/2005	7277291	10/02/2007
36.	VeriFone, Inc.	Secure pin entry device for mobile phones	11296555	12/07/2005	7844255	11/30/2010
37.	VeriFone, Inc.	Protective cover for terminal keypad security switches	11585673	10/23/2006	7832628	11/16/2010
38.	VeriFone, Inc.	Point-of-sale terminal	11600309	11/14/2006	7591430	09/22/2009
39.	VeriFone, Inc.	Anti-tamper protected enclosure	11627166	01/25/2007	7898413	03/01/2011
40.	VeriFone, Inc.	Anti-tampering protection for magnetic stripe reader	11636369	12/08/2006	7497378	03/03/2009
41.	VeriFone, Inc.	Security functionality for magnetic card readers and point of sales devices	11766457	06/21/2007	7784691	08/31/2010
42.	VeriFone, Inc.	Magnetic card reader, especially for point of sale terminals	11856460	09/17/2007	7753275	07/13/2010
43.	VeriFone, Inc.	Enhanced security magnetic card reader especially useful in point of sale devices	11940978	11/15/2007	7878397	02/01/2011

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
44.	VeriFone, Inc.	Transparently securing transactional data	11958268	12/17/2007	7568621	08/04/2009
45.	VeriFone, Inc.	Transparently securing transactional data	11958327	12/17/2007	7740173	06/22/2010
46.	VeriFone, Inc.	Capacitive user-interface switches	11961503	12/20/2007	7772514	08/10/2010
47.	VeriFone, Inc.	Electromagnetic field induced msr swipes detection	11965908	12/28/2007	7866556	01/11/2011
48.	VeriFone, Inc.	Electromagnetic field induced msr swipes detection	11965957	12/28/2007	7886976	02/15/2011
49.	VeriFone, Inc.	Point-of-sale terminal mounting adapter	29160042	04/30/2002	D476359	06/24/2003
50.	VeriFone, Inc.	Point of sale terminal	29356751	03/02/2010	D642609	08/02/2011
51.	VeriFone, Inc.	Point of sale terminal	29364914	06/30/2010	D638465	05/24/2011
52.	VeriFone, Inc.	Secure point of sale device employing capacitive sensors			7843339	11/30/2010

Execution date: 07/08/2014
Recordation date: 07/09/2014
Reel 033282 / Frame 0757

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	Hypercom Corporation	Virtual POS terminal	08379734	01/27/1995	5696909	12/09/1997
2.	VeriFone, Inc.	System for credit card acceptance in taxicabs	09590335	06/08/2000	6347739	02/19/2012
3.	Hypercom Corporation	POS terminal security system	09586678	06/01/2000	6646565	11/11/2003
4.	VeriFone, Inc.	Device for secure read, write and read/modify/write operation with divided track transducer head	10427860	05/01/2003	6830183	12/14/2004
5.	Hypercom Corporation	POS terminal security system	10377188	02/28/2003	6917299	07/12/2005
6.	VeriFone, Inc.	System and method for securely storing, generating, transferring and printing electronic prepaid vouchers	10808697	03/25/2004	7188089	03/06/2007
7.	VeriFone, Inc.	Thermal transfer device	11199681	08/08/2005	7277291	10/02/2007
8.	VeriFone, Inc.	System and method for mobile transactions using the bearer independent protocol	10803825	03/18/2004	7280847	10/09/2007
9.	VeriFone, Inc.	Secure magnetic stripe reader for handheld computing and method of using same	10936359	09/07/2004	7309012	12/18/2007
10.	VeriFone, Inc.	Mobile communication device equipped with a magnetic stripe reader	10695585	10/28/2003	7336973	02/26/2008
11.	VeriFone, Inc.	Magnetic stripe reader with power management control for attachment to a pda device	11181711	07/14/2005	7430674	09/30/2008
12.	VeriFone, Inc.	Anti-tampering protection for magnetic stripe reader	11636369	12/08/2006	7497378	03/03/2009
13.	VeriFone, Inc.	Transparently securing data for transmission on financial networks	11127862	05/12/2005	7506812	03/24/2009
14.	VeriFone, Inc.	Secure token access distributed database system	10365051	02/12/2003	7509499	03/24/2009
15.	VeriFone, Inc.	Transparently securing transactional data	11958268	12/17/2007	7568621	08/04/2009

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
16.	VeriFone, Inc.	Point-of-sale terminal	11600309	11/14/2006	7591430	09/22/2009
17.	VeriFone, Inc.	Anti-tampering protection for magnetic stripe reader	12191343	08/14/2008	7597261	10/06/2009
18.	Hypercom Corporation	Thermal printer device for POS terminal	11736297	04/17/2007	7643044	01/05/2010
19.	VeriFone, Inc.	Transparently securing transactional data	11958327	12/17/2007	7740173	06/22/2010
20.	VeriFone, Inc.	Magnetic card reader, especially for point of sale terminals	11856460	09/17/2007	7753275	07/13/2010
21.	Global Bay Mobile Technologies Inc.	Method and apparatus for mobile data collection and management	11787538	04/17/2007	7756829	07/13/2010]
22.	VeriFone, Inc.	Capacitive user-interface switches	11961503	12/20/2007	7772514	08/10/2010
23.	VeriFone, Inc.	Security functionality for magnetic card readers and point of sales devices	11766457	06/21/2007	7784691	08/31/2010
24.	Hypercom Corporation	System and method to purchase applications by a point of sale terminal	11282228	11/17/2005	7810723	10/12/2010
25.	Hypercom Corporation	Electronic payment terminal diagnostics	11562739	11/22/2006	7828209	11/09/2010
26.	VeriFone, Inc.	Protective cover for terminal keypad security switches	11585673	10/23/2006	7832628	11/16/2010
27.	VeriFone, Inc.	Secure point of sale device employing capacitive sensors	11845435	08/27/2007	7843339	11/30/2010
28.	VeriFone, Inc.	Secure PIN entry device for mobile phones	11296555	12/07/2005	7844255	11/30/2010
29.	Hypercom Corporation	Multi-head point of sale terminal	11100060	04/06/2005	7850074	12/14/2010
30.	VeriFone, Inc.	Electromagnetic field induced msr swipes detection	11965908	12/28/2007	7866556	01/11/2011
31.	VeriFone, Inc.	Enhanced security magnetic card reader especially useful in point of sale devices	11940978	11/15/2007	7878397	02/01/2011
32.	VeriFone, Inc.	Electromagnetic field induced msr swipes detection	11965957	12/28/2007	7886976	02/15/2011
33.	VeriFone, Inc.	Anti-tamper protected enclosure	11627166	01/25/2007	7898413	03/01/2011

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
34.	Hypercom Corporation	Dual purpose card reader	11736302	04/17/2007	8025219	09/27/2011
35.	Hypercom Corporation	Multi-head point of sale terminal	12966496	12/13/2010	8083138	12/27/2011
36.	Hypercom Corporation	Payment terminal styl with touch screen contact detection	12277990	11/25/2008	8212795	07/03/2012
37.	VeriFone, Inc.	Point of sale terminal for engagement with a mobile communicator	12977807	12/23/2010	8235289	08/07/2012
38.	VeriFone, Inc.	Proximity detection by portable devices	12407292	03/19/2009	8248245	08/21/2012
39.	VeriFone, Inc.	Transparently securing data for transmission on financial networks	12110106	04/25/2008	8249993	08/21/2012
40.	VeriFone, Inc.	Secure data entry device	12758150	04/12/2010	8330606	12/11/2012
41.	VeriFone, Inc.	Metrics systems and methods for token transactions	11840141	08/16/2007	8355982	01/15/2013
42.	VeriFone, Inc.	Point of sale terminal having enhanced security	12715794	03/02/2010	8358218	01/22/2013
43.	VeriFone, Inc.	Secure data entry device	12715794	03/02/2010	8405506	03/26/2013
44.	Hypercom Corporation	Keypad membrane security	12748198	03/26/2010	8432300	04/30/2013
45.	VeriFone, Inc.	Point of sale terminal for engagement with a mobile communicator	13567562	08/06/2012	8523068	09/03/2013
46.	VeriFone, Inc.	Password-protected physical transfer of password-protected devices	12748776	03/29/2010	8533484	09/10/2013
47.	VeriFone, Inc.	Card reader having improved electrostatic discharge functionality	12857991	08/17/2010	8544743	10/01/2013
48.	VeriFone, Inc.	Tamper secure circuitry especially for POS	12913394	10/27/2010	8593824	11/26/2013
49.	VeriFone, Inc.	System and method for secure transaction	11953253	12/10/2007	8595490	11/26/2013
50.	VeriFone, Inc.	Secure point of sale terminal	12666054	08/01/2011	8595514	11/26/2013
51.	VeriFone, Inc.	Secure pin entry device	12985898	01/06/2011	8621235	12/31/2013
52.	VeriFone, Inc.	Apparatus and method for encrypting data in a magnetic stripe reader	13857057	04/04/2013	8657192	02/25/2014

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
53.	VeriFone, Inc.	System for secure web-prompt processing on point of sale devices	12939719	11/04/2000	8671454	03/11/2014
54.	VeriFone, Inc.	Secure data entry device	13782095	03/01/2013	8710987	04/29/2014
55.	VeriFone, Inc.	Sonic fast sync system and method for bluetooth	12942996	11/09/2010	8711656	04/29/2014
56.	VeriFone, Inc.	Point of sale terminal having enhanced security	13717957	12/18/2012	8760292	06/24/2014
57.	Hypercom Corporation	Base station for POS terminal	29245805	12/29/2005	D543580	05/29/2007
58.	Hypercom Corporation	Point of sale terminal	29236651	08/18/2005	D544903	06/19/2007
59.	Hypercom Corporation	Point of sale terminal	29245797	12/29/2005	D547361	07/24/2007
60.	Hypercom Corporation	Printer for POS terminal	29245806	12/29/2005	D551699	09/25/2007
61.	Hypercom Corporation	Point of sale terminal	29236654	08/18/2005	D553669	10/23/2007
62.	Hypercom Corporation	Design pat app POS terminal	29278969	04/16/2007	D570402	06/03/2008
63.	VeriFone, Inc.	Car top display	29370834	09/10/2010	D635614	04/05/2011
64.	VeriFone, Inc.	Point of sale terminal	29364914	06/30/2010	D638465	05/24/2011
65.	VeriFone, Inc.	Point of sale terminal	29356751	03/02/2010	D642609	08/02/2011
66.	VeriFone, Inc.	Card reader for mobile phone	29358848	04/01/2010	D653664	02/07/2012
67.	VeriFone, Inc.	Car top display	29373024	02/17/2011	D657421	04/10/2012
68.	VeriFone, Inc.	Car top display	29374560	08/31/2011	D657422	04/10/2012
69.	VeriFone, Inc.	Card reader for mobile communicator	29381855	12/23/2010	D659138	05/08/2012
70.	VeriFone, Inc.	Vehicle mounted display	29408505	12/13/2011	D669938	10/30/2012
71.	VeriFone, Inc.	Vehicle Mounted Display	29430085	08/21/2012	D704265	05/06/2014
72.	VeriFone, Inc.	Anti-tamper protected enclosure	13/015,099	01/27/2011		
73.	VeriFone, Inc.	Secured keypad devices	12/355,857	01/19/2009		
74.	VeriFone, Inc.	Secure point of sale terminal	14/082,704	11/18/2013		
75.	VeriFone, Inc.	Retrofit Data Communication at Fueling Station	12/837,192	07/15/2010		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
76.	VeriFone, Inc.	Point of sale terminal having enhanced security	14/273,194	05/08/2014		
77.	VeriFone, Inc.	Password-protected physical transfer of password-protected devices	13/938,617	07/10/2013		
78.	VeriFone, Inc.	Light-Based and Online Payment Systems and Methodologies	13/006,137	01/13/2011		
79.	VeriFone, Inc.	A proximity integrated circuit card reader	12/917,026	(11/01/2010)		
80.	VeriFone, Inc.	System for secure web-prompt processing on point of sale devices	14/153,348	01/13/2014		
81.	VeriFone, Inc.	Secure pin entry device	14/088,756	11/25/2013		
82.	VeriFone, Inc.	Mobile commerce system	13/434,220	(03/29/2012)		
83.	VeriFone, Inc.	Cloud based electronic wallet	13/468,686	05/10/2012		
84.	VeriFone, Inc.	Anti-tampering protection assembly	13/180,123	07/11/2011		
85.	VeriFone, Inc.	Payment facilitating system for use with a mobile communicator utilizing a near field communication (NFC) link	13/191,973	07/27/2011		
86.	VeriFone, Inc.	Vehicle payment system having a pivoting payment device	14/347,312	03/26/2014		
87.	VeriFone, Inc.	Point of sale device and method for operating same	13/774,426	02/22/2013		
88.	VeriFone, Inc.	Advance power saving for MSR	13/849,867	03/25/2013		
89.	VeriFone, Inc.	Location-based payment system and method	13/541,089	07/03/2012		
90.	VeriFone, Inc.	USB apparatus and embedded system incorporating same	13/549,933	07/16/2012		
91.	VeriFone, Inc.	Multi-loop antenna system for contactless applications	13/837,365	03/15/2013		
92.	VeriFone, Inc.	RFID transmission circuitry	13/887,783	05/06/2013		
93.	VeriFone, Inc.	A keypad	13/933,781	07/02/2013		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
94.	VeriFone, Inc.	Point of sale system	14/103,298	(12/11/2013)		
95.	VeriFone, Inc.	Magnetic stripe reading device	14/046,226	10/04/2013		
96.		System and method for automatically providing virtual customer-personalized content in a retail commerce environment	14/271,986	05/07/2014		
97.	VeriFone, Inc.	Batch settlement transactions system and method	11/550,387	10/17/2006		
98.	VeriFone, Inc.	System and method for updating a transactional device	11/953,280	12/10/2007		
99.	VeriFone, Inc.	Variable length encryption using addition-subtraction	13/081,445	04/60/2011		
100.		System and method for variable length encryption	14/286,881	05/23/2014		
101.	VeriFone, Inc.	Pin encryption device security	11/750,511	05/18/2007		
102.	VeriFone, Inc.	Personal token read system and method	11/839,053	08/15/2007		
103.	VeriFone, Inc.	Pin block replacement	11/839,698	08/16/2007		
104.	VeriFone, Inc.	Metrics systems and methods for token transactions	13/677,150	11/14/2012		
105.	VeriFone, Inc.	Variable length cipher system and method	12/481,504	06/09/2009		
106.	HyperCom Corporation	System and method to purchase applications by a point of sale terminal	12/885,117	09/17/2010		
107.	HyperCom Corporation	Method of processing credit payments at delivery	11/160,575	06/29/2005		
108.	VeriFone, Inc.	System and Method for Mobile Payment Transactions	13/666,942	11/01/2012		
109.	VeriFone, Inc.	System and Method for Mobile Payment and Fulfillment of Digital Goods	10/729,043	12/05/2003		
110.	VeriFone, Inc.	System and Method for a Secure Transaction Module	13/793,013	03/11/2013		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
111.	VeriFone, Inc.	Secure Pin Entry Device for Mobile Phones	13/935,822	07/05/2013		
112.	Global bay Mobile Technologies Inc.	Method and Apparatus for Mobile Data Collection and Management	12/834,879	07/12/2010		
113.	VeriFone, Inc.	Customer purchase encouragement system and method	13/774,187	02/22/2013		
114.	VeriFone, Inc.	Sonic communication system and Method	13/931,925	06/30/2013		
115.	VeriFone, Inc.	Acoustic modulation protocol	13/151,516	06/02/2011		
116.	VeriFone, Inc.	Electronic Coupon distribution and redemption via acoustic communication	13/163,094	06/17/2011		
117.	VeriFone, Inc.	Sonic fast sync system and method for bluetooth	13/163,094	01/22/2014		
118.	VeriFone, Inc.	Point-of-sale terminal mounting adapter	29160042	04/30/2002	D476359	06/24/2003
119.	VeriFone, Inc.	System and method for variable length encryption	13/081,450	04/06/2011		

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 Recordation date: 03/13/2018
 Reel 045575 / Frame 0019

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
1.	Verifone, Inc.	Magnetic Stripe Card Reader	14575307	12/18/2014	9208361	12/08/2015
2.	Verifone, Inc.	Secure Point of Sale Terminal	14592296	01/08/2015	9250709	02/02/2016
3.	Verifone, Inc.	Point of Sale Terminal Having Enhanced Security	14624980	02/18/2015	9275528	03/01/2016
4.	Verifone, Inc.	Anti-Tampering Protection Assembly	14506044	10/03/2014	9390601	07/12/2016
5.	Verifone, Inc.	Magnetic Stripe Card Reader	14580995	12/23/2014	9436856	09/06/2016
6.	Verifone, Inc.	Batch Settlement Transactions System and Method	14316456	06/26/2014	9424573	08/23/2016
7.	Verifone, Inc.	Secured Keypad Devices	14658847	03/16/2015	9436293	09/06/2016
8.	Verifone, Inc.	Point of Sale Terminal Having Enhanced Security	14692219	04/21/2015	9595174	03/14/2017
9.	Verifone, Inc.	Password-Protected Physical Transfer of Password-Protected Devices	14739283	06/15/2015	9635020	04/25/2017
10.	Verifone, Inc.	Secure Smartcard Reader	15098629	04/14/2016	9665746	05/30/2017
11.	Verifone, Inc.	Personal Token Read System and Method	14823899	08/11/2015	9679290	06/13/2017
12.	Verifone, Inc.	Smart Card Connector	15168966	05/31/2016	9715603	07/25/2017
13.	Verifone, Inc.	Magnetic Card Reader	15014403	02/03/2016	9721124	08/01/2017
14.	Verifone, Inc.	Payment Card Receiver with Selectably Blockable Slot	14834084	08/24/2015	9747530	08/29/2017
15.	Verifone, Inc.	Secured Keypad Devices	15225086	08/01/2016	9779270	10/03/2017
16.	Verifone, Inc.	Secure Pin Entry Device	14582341	12/24/2014	9792803	10/17/2017
17.	Verifone, Inc.	Secure Keypad Including Conductive Trace	14542864	11/17/2014	9817482	11/14/2017
18.	Verifone, Inc.	Display Screen of Portion Thereof with a Graphical User Interface	29585347	11/22/2016	D802616	11/14/2017
19.	Verifone, Inc.	Secure Smartcard Reader	14787143	10/26/2015	Pending	
20.	Verifone, Inc.	Data Device Including OFN Functionality	14802305	07/17/2015	Pending	

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
21.	Verifone, Inc.	Payment Data Systems and Methods	14918835	10/21/2015	Pending	
22.	Verifone, Inc.	Magnetic Card Reader with Electrostatic Discharge Strip	14943380	11/17/2015	Pending	
23.	Verifone, Inc.	Modular Interconnection System and Components Therefor	14989054	01/06/2016	Pending	
24.	Verifone, Inc.	System and Method for Variable Length Encryption	15012739	02/01/2016	Pending	
25.	Verifone, Inc.	Secure Smartcard Reader	15496174	04/25/2017	Pending	
26.	Verifone, Inc.	Magnetic Card Reader	15604920	05/25/2017	Pending	
27.	Verifone, Inc.	Location-Based Payment System and Method	15604927	05/25/2017	Pending	
28.	Verifone, Inc.	Smart Card Connector	15627972	06/20/2017	Pending	
29.	Verifone, Inc.	Systems and Methods for Authentication Code Entry in Touch-Sensitive Screen Enabled Devices	15663206	07/28/2017	Pending	
30.	Verifone, Inc.	Payment Card Receiver with Selectable Blockable Slot	15671849	08/08/2017	Pending	
31.	Verifone, Inc.	System and Methods for Authentication Code Entry in Touch-Sensitive Screen Enabled Devices	15703367	09/13/2017	Pending	
32.	Hypercom Corporation	Method and Apparatus to Access Web Site for Processing Orders and Fulfillment Information	09383714	08/26/1999	6631136	8/26/1999
33.	Hypercom Corporation	Multi-Function Transaction Processing System	09588917	06/08/2000	6651885	11/25/2003
34.	VeriFone, Inc.	Secure Data Entry Device	14584085	12/29/2014		
35.	VeriFone, Inc.	Point of Sale Device and Method for Operating Same	14661328	03/18/2015		
36.	VeriFone, Inc.	Mobile Commerce System	14701941	05/01/2015		
37.	VeriFone, Inc.	Detecting RF Transmission from an Implanted Device in a POS Terminal	15451875	03/07/2017		

	Assignee	Patent Title	Serial No.	Filing Date	Patent No.	Issue Date
38.	VeriFone, Inc.	Systems and Methods for Foreign Object Detection	15477543	04/03/2017		
39.	VeriFone, Inc.	Secure Touchscreen Device	15496065	04/25/2017		
40.	VeriFone, Inc.	Systems and Methods for Increased Security in Authentication Code for Touch-Sensitive Screen Enabled Devices	15544751	07/19/2017		
41.	VeriFone, Inc.	Computerized System and Method for Associating RF Signals	15567174	10/17/2017		
42.	VeriFone, Inc.	Systems, Methods and Devices for Concealed EMV Chip Card Readers	15592563	05/11/2017		
43.	VeriFone, Inc.	Card Reader with Adaptive Magnetic Head Assembly	15608148	05/30/2017		
44.	VeriFone, Inc.	Systems, Methods and Devices for Secure Input Processing	15690627	08/30/2017		
45.	VeriFone, Inc.	Systems and methods for increased security in authentication code for touch-sensitive screen enabled devices	15713095	09/22/2017		
46.	VeriFone, Inc.	Devices with printed circuit board (PCB)	15723656	10/03/2017		
47.	VeriFone, Inc.	Systems and methods for increased security in authentication code entry for touch sensitive screen enabled devices	15805926	11/07/2017		
48.	VeriFone, Inc.	Folio with light guide	15867323	01/11/2017		
49.	VeriFone, Inc.	Intelligent model for dynamically selecting best transmission channel	15876425	01/22/2018		
50.	VeriFone, Inc.	Electronic payment device	29543157	10/21/2015		
51.	VeriFone, Inc.	Display screen or portion thereof with a graphical user interface	29618395	09/21/2017		
52.	VeriFone, Inc.	Systems and methods for increased security in authentication code for touch-sensitive screen enabled devices	62466416	03/06/2017		

SCHEDULE B

TRADEMARKS AND TRADEMARK APPLICATIONS

Execution date: 12/28/2011

Recordation date: 01/04/2012

Reel 4690 / Frame 0649

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
1.	Hypercom Corporation	HYPERCOM Logo	78852970	04/03/2006	3367008	01/08/2008
2.	Hypercom Corporation	HYPERCOM Logo	78852966	04/03/2006	3420418	04/29/2008
3.	Hypercom Corporation	I OPTIMUM & Design	78325743	11/10/2003	3074363	03/28/2006
4.	Hypercom Corporation	ATMCONNECT 5100 & Design	77108432	02/15/2007	3364552	01/08/2008
5.	Hypercom Corporation	HYPERCOM & Design	74350958	01/22/1993	1796301	10/05/1993
6.	Hypercom Corporation	EFTSECNAC	78272742	07/10/2003	2995825	09/13/2005
7.	Hypercom Corporation	EFTSECPOS	78272705	07/10/2003	2995824	09/13/2005
8.	Hypercom Corporation	HYPERCOM	74351292	01/22/1993	1797642	10/12/1993
9.	Hypercom Corporation	HYPERCOMVIEW	76500190	03/25/2003	2971789	07/19/2005
10.	Hypercom Corporation	HYPERPASS	76390960	04/03/2002	3071372	03/21/2006
11.	Hypercom Corporation	HYPERSAFE	76431509	07/17/2002	2790536	12/09/2003
12.	Hypercom Corporation	HYPERWARE	75676749	04/06/1999	2462453	06/19/2001
13.	Hypercom Corporation	IEN 2500	76021456	04/10/2000	2431735	02/27/2001
14.	Hypercom Corporation	IN-TACT	76548024	09/29/2003	3059301	02/14/2006
15.	Hypercom Corporation	MEGANAC	74119669	12/03/1990	1658115	09/24/1991
16.	Hypercom Corporation	MININAC	74120167	12/03/1990	1751043	02/09/1993
17.	Hypercom Corporation	SMARTPAYMENTS	77563757	09/05/2008	3946374	04/12/2011
18.	Hypercom Corporation	SURELOAD	76431427	07/17/2002	2779201	11/04/2003
19.	Hypercom Corporation	SURESIGN	76414267	05/30/2002	3130214	08/15/2006
20.	Hypercom Corporation	TERM-MASTER	74583239	10/07/1994	1921780	09/26/1995

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
21.	VeriFone, Inc.	PDA SWIPE (Stylized)	76275821	06/21/2001	2547305	03/12/2002
22.	VeriFone, Inc.	POCKETSWIPE	76416332	06/03/2002	2697731	03/18/2003
23.	VeriFone, Inc.	SEMTEK	75551861	09/11/1998	2346598	05/02/2000
24.	Verifone Media, LLC	NY10 TAXI ENTERTAINMENT NETWORK	77617671	11/19/2008	3703300	10/27/2009
25.	VeriFone, Inc.	VERIFONE & Logo	77279857	09/14/2007	4049518	11/01/2011
26.	VeriFone, Inc.	VERIFONE & Logo	77279826	09/14/2007	3434940	05/27/2008
27.	VeriFone, Inc.	VERIFONE & Logo	77279785	09/14/2007	3818824	07/13/2010
28.	VeriFone, Inc.	VERIFONE & Logo	77279688	09/14/2007	3434934	05/27/2008
29.	VeriFone, Inc.	VERIFONE & Logo	77279632	09/14/2007	3414464	04/22/2008
30.	VeriFone, Inc.	GEMSTONE Logo	74272729	05/05/1992	1749946	02/02/1993
31.	VeriFone, Inc.	Miscellaneous Logo	73741972	07/25/1988	1539077	05/16/1989
32.	VeriFone, Inc.	EVEREST	74625972	01/26/1995	2044480	03/11/1997
33.	VeriFone, Inc.	GEMSTONE	74272728	05/05/1992	1752340	02/16/1993
34.	VeriFone, Inc.	JCHARGE	78608712	04/14/2005	3428169	05/13/2008
35.	VeriFone, Inc.	MX	77432035	03/26/2008	3867933	10/26/2010
36.	VeriFone, Inc.	OMNI	74111154	10/31/1990	1997215	08/27/1996
37.	VeriFone, Inc.	ON THE SPOT	77095497	01/31/2007	3301492	10/02/2007
38.	VeriFone, Inc.	ON THE SPOT	77095484	01/31/2007	3301491	10/02/2007
39.	VeriFone, Inc.	PCCHARGE	75723081	06/07/1999	2341229	04/11/2000
40.	VeriFone, Inc.	RUBY SUPERSYSTEM	74271594	05/01/1992	1877125	01/31/1995
41.	VeriFone, Inc.	SC	74597225	11/10/1994	2133623	02/03/1998
42.	VeriFone, Inc.	SECURE PUMPPAY (Supplemental Register)	77317019	10/30/2007	3905870	01/11/2011
43.	VeriFone, Inc.	SOFTPAY	75021465	11/17/1995	2095822	09/09/1997
44.	VeriFone, Inc.	THE PAYMENT PEOPLE	76520341	05/20/2003	3061517	02/28/2006
45.	VeriFone, Inc.	TRANZ	74207685	09/27/1991	1732650	11/17/1992
46.	VeriFone, Inc.	TXO	74178343	06/21/1991	1734489	11/24/1992
47.	VeriFone, Inc.	VERICENTRE	75930458	02/14/2000	2669666	12/31/2002

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
48.	VeriFone, Inc.	VERIFONE	77100440	02/06/2007	4035207	10/04/2011
49.	VeriFone, Inc.	VERIFONE	77100425	02/06/2007	3400815	03/25/2008
50.	VeriFone, Inc.	VERIFONE	77100395	02/06/2007	3778446	04/20/2010
51.	VeriFone, Inc.	VERIFONE	77100364	02/06/2007	3400814	03/25/2008
52.	VeriFone, Inc.	VERIFONE	74178341	06/21/1991	1729013	11/03/1992
53.	VeriFone, Inc.	VERIFONE	73335736	11/05/1981	1229416	03/08/1983
54.	VeriFone, Inc.	VERIFONE FOLIO	74501074	03/15/1994	1947467	01/09/1996
55.	VeriFone, Inc.	VERISHIELD	75895495	01/14/2000	2732519	07/01/2003
56.	VeriFone, Inc.	VERIX	75950880	03/02/2000	2742665	07/29/2003
57.	VeriFone, Inc.	VX	78460502	08/02/2004	3110308	06/27/2006
58.	Hypercom Corporation	INTELLINAC	85298675	04/19/2011	4238494	11/06/2012
59.	Hypercom Corporation	INTELLIVIEW	85298667	04/19/2011		
60.	VeriFone, Inc.	V NET VERIFONE DIGITAL NETWORK & Design	85292979	04/12/2011		
61.	VeriFone, Inc.	PAYMEDIA	85293014	04/12/2011		
62.	VeriFone, Inc.	PAYMEDIA	85293030	04/12/2011		
63.	VeriFone, Inc.	VERIPAY	77802583	08/12/2009		
64.	VeriFone, Inc.	VERISHOP	77802579	08/12/2009		

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 Reel 5319 / Frame 0238

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
1.	VeriFone, Inc.	VERIFONE	73335736	11/05/1981	1229416	03/08/1983
2.	VeriFone, Inc.	Miscellaneous Logo	73741972	07/25/1988	1539077	05/16/1989
3.	VeriFone, Inc.	OMNI	74111154	10/31/1990	1997215	08/27/1996
4.	Hypercom Corporation	MEGANAC	74119669	12/03/1990	1658115	09/24/1991
5.	VeriFone, Inc.	VERIFONE	74178341	06/21/1991	1729013	11/03/1992
6.	VeriFone, Inc.	TXO	74178343	06/21/1991	1734489	11/24/1992
7.	VeriFone, Inc.	RUBY SUPERSYSTEM	74271594	05/01/1992	1877125	01/31/1995
8.	Hypercom Corporation	HYPERCOM	74351292	01/22/1993	1797642	10/12/1993
9.	Hypercom Corporation	TERM-MASTER	74583239	10/07/1994	1921780	09/26/1995
10.	VeriFone, Inc.	SC	74597225	11/10/1994	2133623	02/03/1998
11.	VeriFone, Inc.	EVEREST	74625972	01/26/1995	2044480	03/11/1997
12.	VeriFone, Inc.	SOFTPAY	75021465	11/17/1995	2095822	09/09/1997
13.	VeriFone, Inc.	MagIC	75162280	09/09/1996	2258377	07/06/1999
14.	VeriFone, Inc.	PCCHARGE	75723081	06/07/1999	2341229	04/11/2000
15.	VeriFone, Inc.	VERISHIELD	75895495	01/14/2000	2732519	07/01/2003
16.	VeriFone, Inc.	VERICENTRE	75930458	02/14/2000	2669666	12/31/2002
17.	VeriFone, Inc.	VERIX	75950880	03/02/2000	2742665	07/29/2003
18.	Hypercom Corporation	IEN 2500	76021456	04/10/2000	2431735	02/27/2001
19.	Hypercom Corporation	HYPERCOMVIEW	76500190	03/25/2003	2971789	07/19/2005
20.	Hypercom Corporation	IN-TACT	76548024	09/29/2003	3059301	02/14/2006
21.	VeriFone, Inc.	VERIFONE	77100364	02/06/2007	3400814	03/25/2008
22.	VeriFone, Inc.	VERIFONE	77100395	02/06/2007	3778446	04/20/2010
23.	VeriFone, Inc.	VERIFONE	77100425	02/06/2007	3400815	03/25/2008
24.	VeriFone, Inc.	VERIFONE	77100440	02/06/2007	4035207	10/04/2011
25.	VeriFone, Inc.	VERIFONE & Logo	77279632	09/14/2007	3414464	04/22/2008

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
26.	VeriFone, Inc.	VERIFONE & Logo	77279688	09/14/2007	3434934	05/27/2008
27.	VeriFone, Inc.	VERIFONE & Logo	77279785	09/14/2007	3818824	07/13/2010
28.	VeriFone, Inc.	VERIFONE & Logo	77279826	09/14/2007	3434940	05/27/2008
29.	VeriFone, Inc.	VERIFONE & Logo	77279857	09/14/2007	4049518	11/01/2011
30.	VeriFone, Inc.	SECURE PUMPPAY (Supplemental Register)	77317019	10/30/2007	3905870	01/11/2011
31.	VeriFone, Inc.	MX	77432035	03/26/2008	3867933	10/26/2010
32.	Hypercom Corporation	SMARTPAYMENTS	77563757	09/05/2008	3946374	04/12/2011
33.	Verifone Media, LLC	NY10 TAXI ENTERTAINMENT NETWORK	77617671	11/19/2008	3703300	10/27/2009
34.	Hypercom Corporation	OPTIMUM Logo & Design	78325743	11/10/2003	3074363	03/28/2006
35.	VeriFone, Inc.	VX	78460502	08/02/2004	3110308	06/27/2006
36.	Hypercom Corporation	HYPERCOM Logo	78852966	04/03/2006	3420418	04/29/2008
37.	VeriFone, Inc.	NARATTE	85230804	02/01/2011	4238316	11/06/2012
38.	VeriFone, Inc.	ZOOSH	85230806	02/01/2011	4246576	11/20/2012
39.	VeriFone, Inc.	V NET VERIFONE DIGITAL NETWORK & Design	85292979	04/12/2011	4191577	08/14/2012
40.	VeriFone, Inc.	PAYMEDIA	85293014	04/12/2011	4238483	11/06/2012
41.	VeriFone, Inc.	PAYMEDIA	85293030	04/12/2011	4238484	11/06/2012
42.	Hypercom Corporation	INTELLIVIEW	85298667	04/19/2011	4234751	10/30/2012
43.	Hypercom Corporation	INTELLINAC	85298675	04/19/2011	4238494	11/06/2012
44.	Curb Mobility, LLC	HIGH IMPACT TOP	85801588	12/13/2012	4535665	05/27/2014
45.	Hypercom Corporation	HYPERCOM	78852970	04/03/2006	3367008	01/08/2008
46.	Hypercom Corporation	ATMCONNECT 5100	77108432	02/15/2007	3364552	01/08/2008
47.	Hypercom Corporation	HYPERSAFE	76431509	07/17/2002	2790536	12/09/2003
48.	Hypercom Corporation	HYPERCOM	74350958	01/22/1993	1796301	10/05/1993
49.	Hypercom Corporation	MININAC	74120167	12/03/1990	1751043	02/09/1993

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
50.	VeriFone, Inc.	JCHARGE	78608712	04/14/2005	3428169	05/13/2008
51.	VeriFone, Inc.	SEMTEK	75551861	09/11/1998	2346598	05/02/2000
52.	VeriFone, Inc.	VERIFONE FOLIO	74501074	03/15/1994	1947467	01/09/1996
53.	VeriFone, Inc.	GEMSTONE	74272729	05/05/1992	1749946	02/02/1993
54.	VeriFone, Inc.	GEMSTONE	74272728	05/05/1992	1752340	02/16/1993
55.	VeriFone, Inc.	TRANZ	74207685	09/27/1991	1732650	11/17/1992

Execution date: 02/02/2018
Recordation date: 03/13/2018
Reel 6313 / Frame 0623

	Owner	Trademark	Serial No.	Filing Date	Reg. No.	Reg. Date
1.	VeriFone, Inc.	VERIFONE	87062045	06/06/2016	5235170	07/04/2017
2.	VeriFone, Inc.	VERIFONE CARBON	86959647	03/31/2016	5219588	06/06/2017
3.	VeriFone, Inc.	VERIFONE	86439378	10/30/2014	4994063	07/05/2016
4.	VeriFone, Inc.	POINT.	86493174	12/31/2014	4844308	11/03/2015
5.	VeriFone, Inc.	VERIFONE POINT	86493167	12/31/2014	4844307	11/03/2015