

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3733129

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GLEN ALLEN OROSS	01/07/2016
CASEY GARDNER PETERSON	11/16/2015
ANH TUAN NGUYEN	01/09/2016
SEAN AARON MISSAL	01/08/2016
KYLE NATHEN SWEN	01/06/2016
KYLE GEORGE HALKOLA	11/19/2015
CHRISTOPHER EARLE WOON	11/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VERIFONE, INC.
<b>Street Address:</b>	88 WEST PLUMERIA DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95134
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29543157
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)293-7860
<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>	2022937060
<b>Email:</b>	jrosenberg@sughrue.com, sughrue@sughrue.com
<b>Correspondent Name:</b>	SUGHRUE MION PLLC
<b>Address Line 1:</b>	2100 PENNSYLVANIA AVENUE NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20037
<b>ATTORNEY DOCKET NUMBER:</b>	Q222656
<b>NAME OF SUBMITTER:</b>	JODY L. ROSENBERG
<b>SIGNATURE:</b>	/Jody L. Rosenberg/
<b>DATE SIGNED:</b>	02/11/2016

**Total Attachments: 9**

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ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, VERIFONE, INC. of 88 West Plumeria Drive, San Jose, California 95134 (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:  The attached application, or  
 United States Application or PCT International Application Number 29/543,157 filed on October 21, 2015.

The application is entitled:

ELECTRONIC PAYMENT DEVICE

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

**NAME OF SOLE OR FIRST INVENTOR:**

Given Name

(first and middle [if any])

Glen Allen

Family Name or Surname

CROSS

Inventor's signature

Date

Residence: San Diego, California

Mailing Address: 9313 Sawtooth Way, San Diego, California, 92129

**NAME OF SECOND INVENTOR:**

Given Name

(first and middle [if any])

Casey Gardner

Family Name or Surname

PETERSON

Inventor's signature

Date

Residence: Scotts Valley, California

Mailing Address: 900 Coast Range Drive, Scotts Valley, California, 95066

**NAME OF THIRD INVENTOR:**

Given Name

(first and middle [if any])

Anh Tuan

Family Name or Surname

NGUYEN

Inventor's signature

Date

Residence: San Mateo, California

Mailing Address: 328 N. Delaware, San Mateo, California, 94401

**NAME OF FOURTH INVENTOR:**

Given Name

(first and middle [if any])

Sean Aaron

Family Name or Surname

MISSAL

Inventor's signature

Date

JAN 08 2016

Residence: San Francisco, California

Mailing

Address: 1026 Folsom Street, Unit A, San Francisco, California

**NAME OF FIFTH INVENTOR:**

Given Name

(first and middle [if any])

Kyle Nathen

Family Name or Surname

SWEN

Inventor's signature

Date

Residence: San Carlos, California

Mailing

Address: 235 Winding Way, San Carlos, California

<b>NAME OF SIXTH INVENTOR:</b>	
Given Name (first and middle [if any])	Kyle George
Family Name or Surname	HALKOLA
Inventor's signature	Date
Residence:	Los Altos, California
Mailing Address:	283 Sunkist Lane, Los Altos, California, 94022
<b>NAME OF SEVENTH INVENTOR:</b>	
Given Name (first and middle [if any])	Christopher Earle
Family Name or Surname	WOON
Inventor's signature	Date
Residence:	Santa Clara, California
Mailing Address:	1795 Jackson Street, Santa Clara, California, 95050

Only After Sept 16, 2012

## ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

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Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

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The application is entitled:

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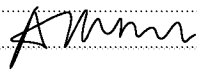
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>			
Given Name (first and middle [if any])	Glen Allen	Family Name or Surname	OROSS
Inventor's signature		Date	
Residence:	San Diego, California		
Mailing Address:	9313 Sawtooth Way, San Diego, California, 92129		
<b>NAME OF SECOND INVENTOR:</b>			
Given Name (first and middle [if any])	Casey Gardner	Family Name or Surname	PETERSON
Inventor's signature		Date	
Residence:	Scotts Valley, California		
Mailing Address:	900 Coast Range Drive, Scotts Valley, California, 95066		
<b>NAME OF THIRD INVENTOR:</b>			

Given Name (first and middle [if any])	Anh Tuan	Family Name or Surname	NGUYEN
Inventor's signature		Date	01/09/2016
Residence:	San Mateo, California		
Mailing Address:	328 N. Delaware, San Mateo, California, 94401		
<b>NAME OF FOURTH INVENTOR:</b>			
Given Name (first and middle [if any])	Sean Aaron	Family Name or Surname	MISSAL
Inventor's signature		Date	
Residence:	San Francisco, California		
Mailing Address:	1026 Folsom Street, Unit A, San Francisco, California		
<b>NAME OF FIFTH INVENTOR:</b>			
Given Name (first and middle [if any])	Kyle Nathen	Family Name or Surname	SWEN
Inventor's signature		Date	
Residence:	San Carlos, California		
Mailing Address:	235 Winding Way, San Carlos, California		
<b>NAME OF SIXTH INVENTOR:</b>			
Given Name (first and middle [if any])	Kyle George	Family Name or Surname	HALKOLA
Inventor's signature		Date	
Residence:	Los Altos, California		
Mailing Address:	283 Sunkist Lane, Los Altos, California, 94022		
<b>NAME OF SEVENTH INVENTOR:</b>			
Given Name (first and middle [if any])	Christopher Earle	Family Name or Surname	WOON
Inventor's signature		Date	
Residence:	Santa Clara, California		
Mailing Address:	1795 Jackson Street, Santa Clara, California, 95050		

**NAME OF SOLE OR FIRST INVENTOR:**

Given Name (first and middle [if any])	Glen Allen	Family Name or Surname	OROSS
Inventor's signature			Date
Residence: San Diego, California			
Mailing Address: 9313 Sawtooth Way, San Diego, California, 92129			

**NAME OF SECOND INVENTOR:**

Given Name (first and middle [if any])	Casey Gardner	Family Name or Surname	PETERSON
Inventor's signature			Date
Residence: Scotts Valley, California			
Mailing Address: 900 Coast Range Drive, Scotts Valley, California, 95066			

**NAME OF THIRD INVENTOR:**

Given Name (first and middle [if any])	Anh Tuan	Family Name or Surname	NGUYEN
Inventor's signature			Date
Residence: San Mateo, California			
Mailing Address: 328 N. Delaware, San Mateo, California, 94401			

**NAME OF FOURTH INVENTOR:**

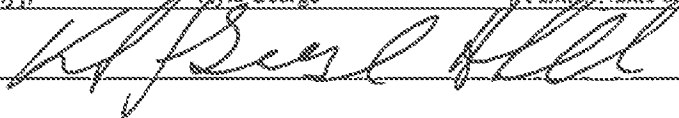
Given Name (first and middle [if any])	Sean Aaron	Family Name or Surname	MISSAL
Inventor's signature			Date
Residence: San Francisco, California			
Mailing Address: 1026 Folsom Street, Unit A, San Francisco, California			

**NAME OF FIFTH INVENTOR:**

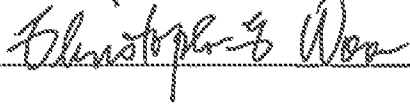
Given Name (first and middle [if any])	Kyle Nathen	Family Name or Surname	SWEN
Inventor's signature	<i>Kyle Nathen Swen</i>		Date <i>1/6/2016</i>
Residence: San Carlos, California			
Mailing Address: 235 Winding Way, San Carlos, California			



NAME OF SIXTH INVENTOR:

Given Name (first and middle [if any])	Kyle George	Family Name or Surname	HALKOLA
Inventor's signature			Date 11/19/2015
Residence:	Los Altos, California		
Mailing Address:	283 Sunkist Lane, Los Altos, California, 94022		

NAME OF SEVENTH INVENTOR:

Given Name (first and middle [if any])	Christopher Earle	Family Name or Surname	WOON
Inventor's signature			Date 11/19/2015
Residence:	Santa Clara, California		
Mailing Address:	1795 Jackson Street, Santa Clara, California, 95050		

**NAME OF SOLE OR FIRST INVENTOR:**

Given Name  
(first and middle [if any]) Glen Allen Family Name or Surname GRUBBS  
Inventor's signature  Date 1-7-2016  
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Mailing Address: 9111 Sawtooth Way, San Diego, California, 92129

**NAME OF SECOND INVENTOR:**

Given Name  
(first and middle [if any]) Cassy Gardner Family Name or Surname PETERSON  
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**NAME OF THIRD INVENTOR:**

Given Name  
(first and middle [if any]) Ann Jane Family Name or Surname SCOVEN  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: San Mateo, California  
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**NAME OF FOURTH INVENTOR:**

Given Name  
(first and middle [if any]) Scott Aaron Family Name or Surname ADISSAL  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: San Francisco, California  
Mailing Address: 1024 Fulton Street, Unit A, San Francisco, California

**NAME OF FIFTH INVENTOR:**

Given Name  
(first and middle [if any]) Rick Nathan Family Name or Surname SWIN  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: San Carlos, California  
Mailing Address: 275 Wooding Way, San Carlos, California

NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any])	Glen Allen
Family Name or Surname	OROSS
Inventor's signature	Date
Residence:	San Diego, California
Mailing Address:	9313 Sawtooth Way, San Diego, California, 92129
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any])	Casey Gardner
Family Name or Surname	PETERSON
Inventor's signature	Date 11/16/2015
Residence:	Scotts Valley, California
Mailing Address:	900 Coast Range Drive, Scotts Valley, California, 95066
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any])	Anh Tuan
Family Name or Surname	NGUYEN
Inventor's signature	Date
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Family Name or Surname	MISSAL
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Residence:	San Francisco, California
Mailing Address:	1026 Folsom Street, Unit A, San Francisco, California
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Kyle Nathen
Family Name or Surname	SWEN
Inventor's signature	Date
Residence:	San Carlos, California
Mailing Address:	235 Winding Way, San Carlos, California

PATENT

RECORDED: 02/11/2016

REEL: 037705 FRAME: 0246