PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLAY VON MUELLER	05/24/2011
MIHIR BELLARE	10/28/2011
SCOTT R. YALE	05/23/2011
PATRICK K. HAZEL	05/23/2011
PAUL ELBRIDGE CATINELLA	05/23/2011

RECEIVING PARTY DATA

Name:	VERIFONE, INC.
Street Address:	2099 GATEWAY PLACE, STE. 600
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14286881

CORRESPONDENCE DATA

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Correspondent Name: SHEPPARD, MULLIN, RICHTER & HAMPTON LLP

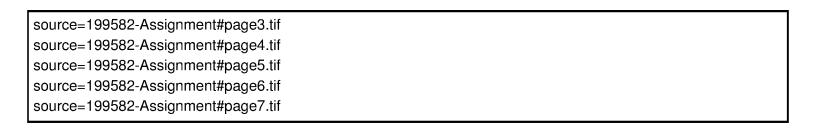
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ATTORNEY DOCKET NUMBER:	13CT-199582
NAME OF SUBMITTER:	LINDA M. SPIRRA
SIGNATURE:	/Linda M. Spirra/
DATE SIGNED:	08/06/2014

Total Attachments: 7

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502924821 PATENT REEL: 033480 FRAME: 0501



PATENT REEL: 033480 FRAME: 0502

ASSIGNMENT

WHEREAS, Clay von Mueller of San Diego, California, Mihir Bellare of San Diego, California, Scott R. Yale of La Mesa, California, Patrick K. Hazel of Rancho Santa Fe, California, and Paul Elbridge Catinella of San Diego, California, Assignors, have invented a new and useful SYSTEM AND METHOD FOR VARIABLE LENGTH ENCRYPTION, for which a U.S. utility application for United States Letters Patent was filed on April 6, 2011, under Serial No. 13/081,450; and

WHEREAS, Assignors believe themselves to be the original, first, and joint inventors of the inventions disclosed and claimed in the application for Letters Patent; and

WHEREAS, VeriFone, Inc., having a place of business at 2099 Gateway Place, Ste. 600, San Jose, California 95110, Assignee, desires to acquire by formal, recordable assignment the entire right, title and interest in and to the inventions, the application, and any Letters Patent that might be granted for the inventions in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or

PATENT REEL: 033480 FRAME: 0503 reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND for the same consideration, said Assignors hereby covenant and agree to and with said Assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent

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Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the inventions, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in the inventions.

E /	24/2011	Assignors:
Date:5/		Clay von Mueller
		Citay von Muchei
Date:		
Marie State State and Advanced Advanced		Mihir Bellare
Date:		G. A.D. W.I.
		Scott R. Yale
Date:		
		Patrick K. Hazel
Date:		
		Paul Elbridge Catinella

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Date:	
	Clay von Mueller
Date: 10/28/11	Mik Bellar
been 10-0m share for 6 are 1992 годо отношения основного	Mihir Bellare
Date:	
	Scott R. Yale
Date:	
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Date:	
Date:	Paul Elbridge Catinella

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Date:	Clay von Mueller
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Date: 5/23/2011	Scott R. Yale
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RECORDED: 08/06/2014