02/06/2017 504213444

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4260121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATHAN MCCAULEY	03/01/2013
ROBERT LEE	02/02/2017
OLIVER S.C. QUIGLEY	03/01/2013
ERIC MONTI	03/12/2013
MICHAEL R. LEWIS	03/13/2013

RECEIVING PARTY DATA

Name:	SQUARE, INC.
Street Address:	1455 MARKET ST.
Internal Address:	SUITE 600
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14631724

CORRESPONDENCE DATA

Fax Number: (703)684-1157

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: 7036841120

Email: escotti@mmiplaw.com MATTINGLY & MALUR, PC **Correspondent Name:** 1800 DIAGONAL ROAD Address Line 1:

Address Line 2: **SUITE 210**

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	SQR-10814-US1-02
NAME OF SUBMITTER:	COLIN D. BARNITZ
SIGNATURE:	/COLIN D. BARNITZ/
DATE SIGNED:	02/03/2017

Total Attachments: 12 source=10814-US1-02-Assignment#page1.tif source=10814-US1-02-Assignment#page2.tif source=10814-US1-02-Assignment#page3.tif source=10814-US1-02-Assignment#page5.tif source=10814-US1-02-Assignment#page5.tif source=10814-US1-02-Assignment#page6.tif source=10814-US1-02-Assignment#page7.tif source=10814-US1-02-Assignment#page8.tif source=10814-US1-02-Assignment#page9.tif source=10814-US1-02-Assignment#page10.tif source=10814-US1-02-Assignment#page11.tif source=10814-US1-02-Assignment#page11.tif

ASSIGNMENT

For valuable consideration, we, NATHAN MCCAULEY of San Francisco, CA, BOB LEE of San Francisco, CA, OLIVER S.C. QUIGLEY of San Francisco, CA, ERIC MONTI of San Francisco, CA, MICHAEL R. LEWIS of San Francisco, CA, hereby assign to: Square, Inc., a corporation of <u>Delaware</u> having a place of business at: 901 Mission Street, San Francisco, CA 94103; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled <u>HIERARCHICAL</u> DATA SECURITY MEASURES FOR A MOBILE DEVICE, filed March 13, 2013, and assigned U.S. Serial Number 13/800,587, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, any divisionals, continuations, substitutions, and reissues of said application,, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: <u> </u>	NATHAN MCCAULEY
Witnessed by:	
Name: Arulty	Date: 3/1/13
Name:	Date: 31 (S
Date: <u>3/1/13</u>	BOB LEE
Witnessed by:	
Name: Acade	Date: 3///3
Name:	Date: 31113
Date: 3/1/13	OLIVER & C. QUIGLEY
Witnessed by:	
Name: Audy	Date: 3/1/13
Name:	Date: <u>김((</u>) 8
Date:	
	ERIC MONTI
Witnessed by:	
Name:	Date:
20	A421 18

Assignment Page 2 of 3

Date:
Date:

50886363,doc

Assignment Page 3 of 3

ASSIGNMENT

For valuable consideration, we, NATHAN MCCAULEY of San Francisco, CA, BOB LEE of San Francisco, CA, OLIVER S.C. QUIGLEY of San Francisco, CA, ERIC MONTI of San Francisco, CA, MICHAEL R. LEWIS of San Francisco, CA, hereby assign to: Square, Inc., a corporation of <u>Delaware</u> having a place of business at: 901 Mission Street, San Francisco, CA 94103; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled <u>HIERARCHICAL</u> DATA SECURITY MEASURES FOR A MOBILE DEVICE, filed March 13, 2013, and assigned U.S. Serial Number 13/800,587, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, any divisionals, continuations, substitutions, and reissues of said application,, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:	The state of the s
	NATHAN MCCAULEY
Witnessed by:	
Name:	Date:
Name:	Date:
Date:	BOB LEE
Witnessed by:	
Name:	Date:
Name:	Date:
Date:	OLIVER S.C. QUIGLEY
Witnessed by:	
Name:	Date:
Name:	Date:
Date: 3 12 - 2013	ERIC MONTI
Witnessed by:	
Name:	Date: $\frac{3/12/13}{}$
Name:	Date: 3 (12 (13

Assignment Page 2 of 3

Date:		
	MICHAEL R. LEWIS	
Witnessed by:		
Name:	Date:	
Name:	Date:	

50886363.doc

Assignment Page 3 of 3

ASSIGNMENT

For valuable consideration, we, NATHAN MCCAULEY of San Francisco, CA, BOB LEE of San Francisco, CA, OLIVER S.C. QUIGLEY of San Francisco, CA, ERIC MONTI of San Francisco, CA, MICHAEL R. LEWIS of San Francisco, CA, hereby assign to: Square, Inc., a corporation of <u>Delaware</u> having a place of business at: 901 Mission Street, San Francisco, CA 94103; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled <u>HIERARCHICAL</u> DATA SECURITY MEASURES FOR A MOBILE DEVICE, filed March 13, 2013, and assigned U.S. Serial Number 13/800,587, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, any divisionals, continuations, substitutions, and reissues of said application,, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:	
	NATHAN MCCAULEY
Witnessed by:	
Name:	Date:
Name:	Date:
Date:	DODIEC
	BOB LEE
Witnessed by:	
Name:	Date:
Name:	Date:
Date:	
	OLIVER S.C. QUIGLEY
Witnessed by:	
Name:	Date:
Name:	Date:
Date:	
-	ERIC MONTI
Witnessed by:	
Name:	Date:
Name:	Date:

Assignment Page 2 of 3

Date:	3/13/13	MICHAEL R.	LEWIS	PU /	A'
Witnessed by:	<i>y</i>				
Name:	Auby	<u>/_</u>	Date:	3/13/13	····
Name:	155		Date:	3/13/13	<u> </u>

50886369.doc

Assignment Page 3 of 3

PATENT REEL: 0**30866** FRAME: 0**238**

RECORDED: 07/23/2013

ATTORNEY DOCKET NO.: SQR-10814-US1-02 CLIENT DOCKET NO.: SQ-0028-US1-C1

ASSIGNMENT

WHEREAS, I/We, the undersigned, have invented certain new and useful inventions and improvements disclosed in an application for patent entitled:

HIERARCHICAL DATA SECURITY MEASURES FOR A MOBILE DEVICE

(such inventions and improvements hereinafter referred to collectively as the "<u>Inventions</u>"), which application was filed in the United States Patent and Trademark Office on **February 25**, **2015**, and accorded U.S. Patent Application No. **14/631,724** (the "<u>Application(s)</u>");

AND, WHEREAS, Square, Inc., a corporation of the state of Delaware, having a place of business at 1455 Market St., Suite 600, San Francisco, CA, 94103, on behalf of itself and its successors and assigns (the "Assignee"), is entitled to, and is desirous of acquiring the entire and exclusive rights, title and interest in and to the Inventions and the Application(s) in the United States and throughout the world.

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/We, the undersigned, do hereby sell, assign, transfer and convey to the Assignee the entire and exclusive rights, title and interest, including the right of priority, in and to: (a) the Inventions in the United States and throughout the world, and (b) any Letters Patent or similar legal rights, including extensions thereof, in the United States and its territorial possessions and in any foreign countries to be obtained for the Inventions by the above-described Application or any provisional, non-provisional, continuation, division, substitute, renewal, reissue, reexamination or other application for patent related thereto, or by any equivalents thereof in any foreign countries.

ALSO, I/We, the undersigned, further assign to and empower the Assignee, its successors, assigns and legal representatives all rights to make application for patent or other forms of protection for the Inventions in the United States and its territorial possessions and in any foreign countries and to prosecute such applications, together with the right to claim and receive the benefit of any priority rights provided under any applicable laws, conventions, treaties, statutes or regulations and the right to claim such priority rights without further written or oral authorization.

ALSO, I/We, the undersigned, hereby authorize and request the Commissioner for Patents of the United States and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent or similar legal rights on applications aforesaid, to issue all such Letters Patent or similar rights for the Inventions to the Assignee, as assignee of the entire right, title and interest in and to the same, for the Assignee's own use and benefit, and for the use and benefit of the Assignee's successors, assigns and legal representatives, to the full end of the term for which such Letters Patent or similar rights may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned had this assignment not been made.

ATTORNEY DOCKET NO.: SQR-10814-US1-02 CLIENT DOCKET NO.: SQ-0028-US1-C1

ALSO, I/We, the undersigned, hereby covenant and agree to execute and deliver to Assignee, its successors, assigns and/or legal representatives all instruments and documents that legally may be required, necessary or desirable in connection with the filing, prosecution, litigation, maintenance, enforcement and defense of the above-described Application or any other application for patent which has been or shall be filed in the United States and its territorial possessions and/or in any foreign countries for the Inventions, including any additional documents or instruments of transfer to affirm the rights of Assignee, its successors, assigns and/or legal representatives in and to said Inventions, all without further consideration. I/We, the undersigned, also agree, without requesting or receiving additional consideration from Assignee, but at Assignee's expense, to identify and communicate to Assignee, its successors, assigns and/or legal representatives all facts known to the undersigned relating to the Inventions and the history thereof, and to provide further assurances and testimony on behalf of Assignee, its successors, assigns and/or legal representatives that lawfully may be required, necessary or desirable in respect of the filing, prosecution, litigation, maintenance, enforcement and defense of any patent application or Letters Patent encompassed within the terms of this assignment. The undersigned's obligations under this assignment shall extend to the undersigned's heirs, executors, administrators and legal representatives.

ALSO, I/We, the undersigned, covenant and agree that no assignment, grant, mortgage, license or other agreement encumbering the rights and property herein conveyed has been made to others by the undersigned, and that the full right to convey the same as expressed herein is possessed by the undersigned.

ALSO, I/We, the undersigned, hereby grant Assignee's legal representatives, of **MATTINGLY & MALUR, PC**, the power to insert on this assignment any further identification which may be necessary or desirable for recordation of this assignment, including inserting the application serial number and filing date when known.

IN WITNESS WHEREOF, the undersigned has/have executed this assignment as of the date(s) indicated below.

	Date: _	
Nathan McCauley		
DocuSigned by:		
Robert Lee	Date:	2/2/2017
84531E79E362485 Robert Lee		
	DocuSigned by: Robert Luc	Nathan McCauley Docusigned by: Robert Lee B4531E79E362485 Date:

ATTORNEY DOCKET NO.: SQR-10814-US1-02 CLIENT DOCKET NO.: SQ-0028-US1-C1

Inventor's Signature:		Date:
Typed Name:	Oliver S.C. Quigley	
Inventor's Signature:		Date:
Typed Name:	Eric Monti	
Inventor's Signature:		Date:
Typed Name:	Michael R. Lewis	

3/3