502716296 03/11/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2762901

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GENE ALLEN	01/22/2007
KEVIN KUNTZ	01/22/2007

RECEIVING PARTY DATA

Name:	TCF FINANCIAL CORPORATION	
Street Address:	200 LAKE STREET EAST	
City:	WAYZATA	
State/Country:	MINNESOTA	
Postal Code:	55391	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11956802

CORRESPONDENCE DATA

Fax Number: (651)686-7111

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 651-686-6633

Email: waltigney@ip-firm.com

Correspondent Name: CRAWFORD MAUNU PLLC **Address Line 1:** 1150 NORTHLAND DRIVE

Address Line 2: STE 100

Address Line 4: SAINT PAUL, MINNESOTA 55120

ATTORNEY DOCKET NUMBER:	TCFB.030PA	
NAME OF SUBMITTER:	ROBERT J. CRAWFORD	
SIGNATURE:	/Robert J. Crawford/	
DATE SIGNED:	03/10/2014	

Total Attachments: 3

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PATENT 502716296 REEL: 032406 FRAME: 0650

ASSIGNMENT

WHEREAS, I/We, Gene Allen, residing at 118 White Oaks Lane, Vadnais Heights, Minnesota 55127; and Kevin Kuntz, residing at 18 Apfelridge Court, South St. Paul, Minnesota 55075 made certain new and useful inventions and improvements for which we filed a provisional patent application for Letters Patent of the United States; which is entitled: COMPUTER-FACILITATED SECURE ACCOUNT-TRANSACTION, which was filed on December 15, 2006 and assigned provisional application serial number 60/875,040 (Attorney Docket No TCFB.030P1).

AND WHEREAS, TCF Financial Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 801 Marquette Avenue, Minneapolis, Minnesota 55042 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I/we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me/us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions,

PATENT REEL: 032406 FRAME: 0651 applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of

January, 2007.

Gene Allen

STATE OF Mennessta) ss

On this 22 day of January, 2007, before me personally appeared Gene Allen, known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Cynthia Encklion
Notary Public

CYNTHIA M. ERICKSON
NOTARY PUBLIC - MINNESOTA
MY COMMISSION
EXPIRES JAN. 31, 2007

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 nd day of day of Kevin Kuntz

STATE OF <u>Munnesota</u>)
COUNTY OF <u>Chuiago</u>) ss.

On this 22 day of Lanuary 2007, before me personally appeared Kevin Kuntz, known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public Excellen

CYNTHIA M. ERICKSON NOTARY PUBLIC - MINNESOTA MY COMMISSION EXPIRES JAN. 31, 2007