

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GENE ALLEN	01/22/2007
KEVIN KUNTZ	01/22/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TCF FINANCIAL CORPORATION
<b>Street Address:</b>	200 LAKE STREET EAST
<b>City:</b>	WAYZATA
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55391
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11956802
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<b>ATTORNEY DOCKET NUMBER:</b>	TCFB.030PA
<b>NAME OF SUBMITTER:</b>	ROBERT J. CRAWFORD
<b>SIGNATURE:</b>	/Robert J. Crawford/
<b>DATE SIGNED:</b>	03/10/2014
<b>Total Attachments: 3</b>	
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**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,



