

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Frank Weber	08/16/2006
RECEIVING PARTY DATA	
Name:	Fiserv, Inc.
Street Address:	255 Fiserv Drive
Internal Address:	P.O. Box 979
City:	Brookfield
State/Country:	WISCONSIN
Postal Code:	53008-0979
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11505510
CORRESPONDENCE DATA	
Fax Number:	(617)342-4001
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617-342-4034
Email:	bostonipdocketing@foley.com
Correspondent Name:	David J. Ridders
Address Line 1:	111 Huntington Avenue
Address Line 4:	Boston, MASSACHUSETTS 02199
ATTORNEY DOCKET NUMBER:	012474-0143
NAME OF SUBMITTER:	David J. Ridders

CH \$40.00 11505510

Total Attachments: 6
 source=012474_0143nonrecordationassignment#page1.tif
 source=012474_0143nonrecordationassignment#page2.tif
 source=012474_0143nonrecordationassignment#page3.tif

source=012474_0143nonrecordationassignment#page4.tif

source=012474_0143nonrecordationassignment#page5.tif

source=012474_0143nonrecordationassignment#page6.tif

FORM PTO-1595 (modified) **08-23-2006** U.S. DEPARTMENT OF COMMERCE
 (Rev 8-93) RE:  SHEET Patent and Trademark Office

8/17/06

103295410

To the Director of the United States Patent and Trademark Office. Please forward the attached original documents or copies thereof.

1. Name of conveying party(ies): Frank Weber		2. Name and address of receiving party(ies): Fiserv, Inc.	
Additional conveying party(ies) NO		Additional name(s) & address(es) attached? NO	
3. Nature of conveyance: ASSIGNMENT Execution Date: 08/16/2006			
4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: 08/16/2006			
A. Patent Application Number(s):		B. Patent Number(s):	
Additional numbers attached? NO			
5. Name and address of party to whom correspondence concerning document should be mailed: David J. Ridders FOLEY & LARDNER LLP 111 Huntington Avenue Boston, Massachusetts 02199		6. Total number of applications/patents involved: 1	
		7. Total fee (37 C.F.R. § 3.41): \$40.00 Check Enclosed <input checked="" type="checkbox"/> Authorized to be charged to credit card Authorized to be charged to deposit account	
		8. Payment Information	
		a. Credit Card Last 4 Numbers Expiration Date	
		b. Deposit account number 50-3431 Authorized User Name	

113010 U.S. PTO
11/505510

081706


08/21/2006 MAHME1 00000026 11505510

01 FC:8021

40.00 00

DO NOT USE THIS SPACE


9. Statement and signature:
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

David J. Ridders  **8/17/06**

Name of person signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

Atty. Dkt. No: 012474-0114

FORM PTO-1595 (modified) (Rev 6-03)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
RECORDATION FORM COVER SHEET PATENTS ONLY			
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.			
1. Name of conveying party(ies): Frank Weber		2. Name and address of receiving party(ies): Fiserv, Inc.	
Additional conveying party(ies) NO		Additional name(s) & address(es) attached? NO	
3. Nature of conveyance: ASSIGNMENT Execution Date: 08/16/2006			
4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: 08/16/2006			
A. Patent Application Number(s):		B. Patent Number(s):	
Additional numbers attached? NO			
5. Name and address of party to whom correspondence concerning document should be mailed: David J. Ridders FOLEY & LARDNER LLP 111 Huntington Avenue Boston, Massachusetts 02199		6. Total number of applications/patents involved: 1	
		7. Total fee (37 C.F.R. § 3.41): \$40.00 <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Authorized to be charged to credit card <input type="checkbox"/> Authorized to be charged to deposit account	
		8. Payment Information	
		a. Credit Card Last 4 Numbers Expiration Date	
		b. Deposit account number 50-3431 Authorized User Name	
DO NOT USE THIS SPACE			
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.</i>			
David J. Ridders			8/17/06
Name of person signing		Signature	Date
Total number of pages including cover sheet, attachments, and document: 4			

PATENT

REEL: 018368 FRAME: 0563

Atty. Dkt. No. 012474-0114

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

FISERV, INC.

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

Multi-Factor Authentication

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. _____ Filed _____

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to

Atty. Dkt. No. 012474-0114

ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Atty. Dkt. No. 012474-0114

Executed this 16th day of August, 2006.

Frank A. Weber
FRANK WEBER

State of _____)
)ss.
County of _____)

On this _____ day of _____, 20____, before me, a notary public in and for said county, appeared FRANK WEBER, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public
My Commission Expires: _____

(Seal)