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FILE NO. AP33353-070478.1041

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PATENTS C

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>Arthur D. Krantzley, Stephen W. Orfei,</b> Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <b>MasterCard International Incorporated</b>  Address: 2000 Purchase Street  City: Purchase State: NY Zip: 10577 Additional name(s) and address(es) attached? Country: USA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:  Execution Date: October 15, 2001	

4. Application number(s) or patent number(s) 09/902,259

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

09/902,359

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert C. Scheinfeld  BAKER BOTTS L.L.P. 30 Rockefeller Plaza - 44 Fl. New York, NY 10112	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41): \$ 40.00  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account
	8. Deposit account number : 02-4377 (Charge any additional fees to this account) (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature  <i>To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.</i>  Robert C. Scheinfeld _____ Name of Person Signing	 _____ Signature	April 9, 2002 _____ Date
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Total number of pages including cover sheet, attachments and document: 11

PATENT  
REEL: 012829 FRAME: 0745

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

10. Name of conveying party(ies):

Bruce J. Rutherford and John Wankmueller

11. Application number(s) or registration number(s):

09/902,359

A. Patent Application No.(s)

B. Patent Registration No.(s)

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Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Box Assignments**  
**Washington, DC 20231**

A S S I G N M E N T

WHEREAS, WE, ARTHUR D. KRANZLEY, STEPHEN W. ORFEI, BRUCE J. RUTHERFORD, and JOHN WANKMUELLER, all citizens of the UNITED STATES OF AMERICA, residing in City of POUND RIDGE, County of WESTCHESTER, State of NEW YORK, City of KATONAH, County of WESTCHESTER, State of NEW YORK, City of STAMFORD, County of FAIRFIELD, State of CONNECTICUT, and City of NEW HYDE PARK, County of NASSAU, State of NEW YORK, whose post office addresses are 7 LAUREL HOLLOW ROAD, POUND RIDGE, NEW YORK 10576, 12 MANOR LANE, KATONAH, NEW YORK 10536, 20 GLENDALE ROAD, STAMFORD, CONNECTICUT 06906, and 11 EVERGREEN LANE, NEW HYDE PARK, NEW YORK 11040, respectively, have made an invention entitled "METHOD AND SYSTEM FOR CONDUCTING SECURE ELECTRONIC COMMERCE TRANSACTIONS WITH AUTHORIZATION REQUEST DATA LOOP-BACK" as set forth and described in patent application Serial No. 09/902,359, filed July 10, 2001; and

WHEREAS, MASTERCARD INTERNATIONAL INCORPORATED, a corporation organized and existing under the laws of Delaware and having an office for the transaction of business at 2000 Purchase Street, Purchase, New York 10577, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the said ARTHUR D. KRANZLEY, STEPHEN W. ORFEI, BRUCE J. RUTHERFORD, and JOHN WANKMUELLER, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said MASTERCARD INTERNATIONAL INCORPORATED, and other valuable considerations unto me moving from said MASTERCARD INTERNATIONAL INCORPORATED, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said MASTERCARD INTERNATIONAL INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described in the specification forming a part of the application for Letters Patent of the United States for "METHOD AND SYSTEM FOR CONDUCTING SECURE ELECTRONIC COMMERCE TRANSACTIONS WITH AUTHORIZATION REQUEST DATA LOOP-BACK", and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE

AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said ARTHUR D. KRANZLEY, STEPHEN W. ORFEI, BRUCE J. RUTHERFORD, and JOHN WANKMUELLER, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said MASTERCARD INTERNATIONAL INCORPORATED, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said MASTERCARD INTERNATIONAL INCORPORATED, its successors and assigns;

AND WE, the said ARTHUR D. KRANZLEY, STEPHEN W. ORFEI, BRUCE J. RUTHERFORD, and JOHN WANKMUELLER, for the considerations aforesaid, do hereby covenant and agree to and with said MASTERCARD INTERNATIONAL INCORPORATED, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said MASTERCARD INTERNATIONAL INCORPORATED, its successors and assigns, may be required or necessary to more effectively secure to and vest in said MASTERCARD INTERNATIONAL INCORPORATED, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, the said ARTHUR D. KRANZLEY, have hereunto set my hand and seal on the date below written.

Arthur D. Kranzley  
ARTHUR D. KRANZLEY

STATE OF New York )  
: ss.:  
COUNTY OF Westchester )

BE IT KNOWN, that on this 15 day of October, 2001, before me personally came ARTHUR D. KRANZLEY, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Kathleen Roche  
Notary Public

KATHLEEN ROCHE  
Notary Public, State of New York  
Notary Public, State of New York  
Qualifies in Westchester County No. 4912999  
Term Expires November 23, 2005

IN WITNESS WHEREOF, I, the said STEPHEN W. ORFEI have hereunto set my hand and seal on the date below written.

  
STEPHEN W. ORFEI

STATE OF New York )  
: SS.:  
COUNTY OF Westchester )

BE IT KNOWN, that on this 15 day of October, 2001, before me personally came STEPHEN W. ORFEI, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public

KATHLEEN RECHE  
Notary Public, State of New York  
No. 49129000  
Qualified in Westchester County  
Term Expires November 23, 2005

IN WITNESS WHEREOF, I, the said BRUCE J. RUTHERFORD, have hereunto set my hand and seal on the date below written.

*Bruce J. Rutherford*  
BRUCE J. RUTHERFORD

STATE OF New York )  
COUNTY OF Westchester ) ss.:

BE IT KNOWN, that on this 15 day of October, 2001, before me personally came BRUCE J. RUTHERFORD, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Kathleen Roche  
Notary Public

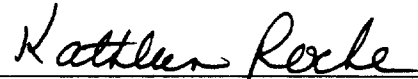
**KATHLEEN ROGHE**  
**Notary Public, State of New York**  
**No. 4912999**  
**Qualified in Westchester County**  
**Term Expires November 23, 2005**

IN WITNESS WHEREOF, I, the said JOHN WANKMUELLER, have hereunto set my hand and seal on the date below written.

  
JOHN WANKMUELLER

STATE OF )  
: SS.:  
COUNTY OF )

BE IT KNOWN, that on this 15 day of October, 2001, before me personally came JOHN WANKMUELLER, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Notary Public

KATHLEEN ROCHE  
Notary Public, State of New York  
No. 4912999  
Qualified in Westchester County  
Term Expires November 23, 2005