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Document ID No.: 100622016A

In place of Form PTO-1595

04-07-1998

Docket No. AT9-97-781

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To the Assistant Commission documents or copy thereof.

100702333

the attached original

1. Name of conveying party(ies):

Maria A. Himmel
Richard D. Hoffman
Michael G. Mall

2. Name and address of receiving party(ies):

International Business
Machines Corporation
Old Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

Assignment

Execution Date: December 12, 1997 and December 15, 1997

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)
08/993,607

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Mark S. Walker
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-1003

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Authorized to be charged to deposit account

8. Deposit account number:

09-0451

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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.

Mark S. Walker
Name of Person Signing

Signature

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Date

Total number of pages including cover sheet: 3

In place of Form PTO-159:

MEQ 12-18-97

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12/16/97

To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

MEQ 3/24/98

1. Name of conveying party(ies): 2. Name and address of receiving party(ies):

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Richard D. Hoffman
Michael G. Mall

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Mark S. Walker
Name of Person Signing

Mark S. Walker
Signature

12-15-97
Date

Total number of pages including cover sheet: 3

A S S I G N M E N T

Whereas, we,

(1) Maria A. Himmel of Austin,
County of Travis and State of Texas,

and
(2) Richard D. Hoffman of Austin,
County of Travis and State of Texas,

and
(3) Michael G. Mall of Round Rock,
County of Williamson and State of Texas,

have invented certain improvements in

System and Method for Preventing Duplicate Transactions in an Internet Browser/Internet Server Environment

and executed, respectively, a United States patent application therefor on
(Dates Inventors Signed Declaration) (1) December 12, 1997, and
(2) December 15, 1997, and (3) December 15, 1997.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor:


Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Austin on December 12, 1997.



Maria Azúa Himmel

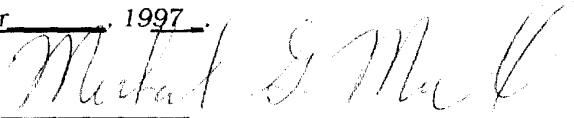
and (2) Signed at Austin on December 15, 1997.



Richard D. Hoffman

and (3)

Signed at Austin 15 on December, 1997.



Michael G. Mall