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Docket No.: YOR920030069 (00280742AA)

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03



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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shmuel Winograd
Barry M. Trager

6.23.03

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

Name: International Business Machines Corporation

Internal Address: _____

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Execution Date: 6/16/2003, 6/17/2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

10600593

If this document is being filed together with a new application, the execution date of the application is: 6/16/03, 6/17/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: C. Lamont Whitham

Internal Address: _____

Street Address: Whitham, Curtis & Christofferson, P.C.

11491 Sunset Hills Road, Suite 340

City: Reston State: VA ZIP: 20190

6. Total number of applications and patents involved:

1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0510

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.

C. Lamont Whitham

Name of Person Signing

Signature

June 23, 2003

Date

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

4

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Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22304-1450

PATENT

REEL: 014224 FRAME: 0379

ASSIGNMENT

Whereas, We

Inventors

- | | | |
|-----|---|---|
| (1) | Shmuel Winograd
County of Westchester | City of Scarsdale
and State of New York |
| (2) | Barry Marshall Trager
County of Westchester | City of Yorktown Heights
and State of New York |
| (3) | County of | City of
and State of |
| (4) | County of | City of
and State of |

have invented certain improvements in

Title

**METHOD FOR CONSTRUCTING ERASURE CORRECTING CODES
WHOSE IMPLEMENTATION REQUIRES ONLY EXCLUSIVE ORS**

and have executed, respectively, a United States patent application therefor on

Dates That
Inventor
Signed the

- | | | |
|-----|-----------------|------------|
| (1) | <i>June 16,</i> | 2003 , |
| (2) | | 2003 , |
| (3) | | 2003 , and |
| (4) | | 2003 . |

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, I 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 I 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 I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City (1) Signed at

Date on June 16, 2003 Shmuel Winograd signature
First Name Middle Initial Last Name) inventor

City (2) Signed at

Date on _____ signature
(Barry Marshall Trager) inventor
First Name Middle Initial Last Name

City (3) Signed at

Date on _____ signature
(_____) inventor
First Name Middle Initial Last Name

City (4) Signed at

Date on _____ signature
(_____) inventor
First Name Middle Initial Last Name

IBM Docket: YOR920030069US1

ASSIGNMENT

Whereas, We

Inventors	(1) Shmuel Winograd County of Westchester	City of Scarsdale and State of New York
	(2) Barry Marshall Trager County of Westchester	City of Yorktown Heights and State of New York
	(3) County of	City of and State of
	(4) County of	City of and State of

have invented certain improvements in

Title **METHOD FOR CONSTRUCTING ERASURE CORRECTING CODES
WHOSE IMPLEMENTATION REQUIRES ONLY EXCLUSIVE ORS**

and have executed, respectively, a United States patent application therefor on

Dates That
Inventor
Signed the

(1)	2003	,
(2)	June 17, 2003	,
(3)	2003	, and
(4)	2003	.

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, I 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 I 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 I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

IBM Docket: YOR9720630069US1

City (1) Signed at

Date on _____ signature
(Shmuel Winograd)
First Name Middle Initial Last Name) inventor

City (2) Signed at

Date on 6/7/2003 Pisa Italy
Barry M. Trager signature
(Barry Marshall Trager)
First Name Middle Initial Last Name) inventor

City (3) Signed at

Date on _____ signature
()
First Name Middle Initial Last Name) inventor

City (4) Signed at

Date on _____ signature
()
First Name Middle Initial Last Name) inventor