

08-23-2002

REC



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JCS978 U.S. PTO
10/21/728
08/12/02

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

1. Names of conveying parties:

08/12/02

HASSNER, Martin Aureliano
TAMURA, Tetsuya
TRAGER, Barry Marshall
WINOGRAD, Shmuel

2. Name and address of receiving party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504

3. Nature of conveyance: Assignment

Execution Date: 08/03/2002
(By first named inventor)

4. Application number: 10/121728

Docket No.: ARC920020016US1

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed by first named inventor): 08/03/2002

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

Samuel A. Kassatly
Samuel A. Kassatly Law Office
6819 Trinidad Drive
San Jose, CA 95120
Tel: (408) 323-5111

6. Total number of applications involved: 1

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

8. Charge fee to Deposit Account No. 09-0441

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.

Samuel A. Kassatly

08/12/2002

Attorney Name

Signature of Attorney

Date

08/22/2002 GTM11 00000160 090441 10217728

01 FC:581 40.00 CH

ASSIGNMENT

Whereas, we,

- (1) Name: **HASSNER, Martin Aureliano**
 City/State of: **Mountain View, CA**
 County of: **Santa Clara**
- (2) Name: **TAMURA, Tetsuya**
 City of: **Kanagawa**
 Country of: **Japan**
- (3) Name: **TRAGER, Barry Marshall**
 City/State of: **Yorktown Heights, NY**
 County of: **Westchester**
- (4) Name: **WINOGRAD, Shmuel**
 City/State of: **Scarsdale, NY**
 County of: **Westchester**

have invented certain improvements in:

**“ALGEBRAIC DECODER AND METHOD FOR CORRECTING
 AN ARBITRARY MIXTURE OF BURST AND RANDOM ERRORS”**

and executed a Declaration and Power of Attorney for a United States patent application therefor on

- (1) Date: 8/3/2002
- (2) Date: _____
- (3) Date: _____
- (4) Date: _____

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 inventions set forth in said application to IBM, its successors and assigns; and I 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.

Execution by Inventors:

(1) Name: **HASSNER, Martin A.**

City/State: *MOUNTAIN VIEW, CA*

Signature: *Martin A. Hassner*

Date: *8/3/2002*

(2) Name: **TAMURA, Tetsuya**

City/Country:

Signature: _____

Date: _____

(3) Name: **TRAGER, Barry Marshall**

City/State:

Signature: _____

Date: _____

(4) Name: **WINOGRAD, Shmuel**

City/State:

Signature: _____

Date: _____

ASSIGNMENT

Whereas, we,

- (1) Name: **HASSNER**, Martin Aureliano
 City/State of: Mountain View, CA
 County of: Santa Clara
- (2) Name: **TAMURA**, Tetsuya
 City of: Kanagawa
 Country of: Japan
- (3) Name: **TRAGER**, Barry Marshall
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 County of: Westchester
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- (1) Date: _____
- (2) Date: 7/29/2002
- (3) Date: _____
- (4) Date: _____

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Execution by Inventors:

(1) Name: **HASSNER, Martin A.** City/State: _____

Signature: _____ Date: _____

(2) Name: **TAMURA, Tetsuya** City/Country: _____

Signature: Tamura Tetsuya Date: 7/29/2002

(3) Name: **TRAGER, Barry Marshall** City/State: _____

Signature: _____ Date: _____

(4) Name: **WINOGRAD, Shmuel** City/State: _____

Signature: _____ Date: _____

ASSIGNMENT

Whereas, we,

- (1) Name: **HASSNER**, Martin Aureliano
 City/State of: Mountain View, CA
 County of: Santa Clara
- (2) Name: **TAMURA**, Tetsuya
 City of: Kanagawa
 Country of: Japan
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and executed a Declaration and Power of Attorney for a United States patent application therefor on

- (1) Date: _____
- (2) Date: _____
- (3) Date: 8/1/2002
- (4) Date: _____

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;

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Execution by Inventors:

- (1) Name: **HASSNER, Martin A.** City/State: _____
Signature: _____ Date: _____
- (2) Name: **TAMURA, Tetsuya** City/Country: _____
Signature: _____ Date: _____
- (3) Name: **TRAGER, Barry Marshall** City/State: *Yurktown Heights, NY*
Signature: *Barry Marshall Trager* Date: *8/1/2002*
- (4) Name: **WINOGRAD, Shmuel** City/State: _____
Signature: _____ Date: _____

ASSIGNMENT

Whereas, we,

- (1) Name: **HASSNER, Martin Aureliano**
 City/State of: **Mountain View, CA**
 County of: **Santa Clara**
- (2) Name: **TAMURA, Tetsuya**
 City of: **Kanagawa**
 Country of: **Japan**
- (3) Name: **TRAGER, Barry Marshall**
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and executed a Declaration and Power of Attorney for a United States patent application therefor on

- (1) Date: _____
- (2) Date: _____
- (3) Date: _____
- (4) Date: 07/25/2002

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 inventions set forth in said application to **IBM**, its successors and assigns; and I 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**.

Execution by Inventors:

(1) Name: **HASSNER, Martin A.** City/State: _____

Signature: _____ Date: _____

(2) Name: **TAMURA, Tetsuya** City/Country: _____

Signature: _____ Date: _____

(3) Name: **TRAGER, Barry Marshall** City/State: _____

Signature: _____ Date: _____

(4) Name: **WINOGRAD, Shmuel** City/State: Sarasota, NY

Signature: Shmuel Winograd Date: 8/12/02