

Atty. Docket No. IL920030035US1

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

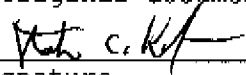
To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Shay Ben-David Dorit Naishlos Uzi Shvadron Ayal Zaks</p> <p>Additional name(s) of conveying party(ies) attached? <u>   </u> Yes <u>  X  </u> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: International Business Machines Corporation Address: New Orchard Road Armonk, NY 10504</p> <p>Additional name(s) &amp; addresses attached? <u>   </u> Yes <u>  X  </u> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p>Execution Date(s): <u>October 27, 2003,</u> <u>October 27, 2003, October 27, 2003, and</u> <u>October 27, 2003 respectively.</u></p>	<p>4. Patent Application number(s)</p> <p>10/695,970</p> <p>Execution Date(s): <u>October 27, 2003,</u> <u>October 27, 2003, October 27, 2003, and</u> <u>October 27, 2003 respectively.</u></p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Stephen C. Kaufman Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Charge to Deposit Account No.: <u>09-0468</u></p>

DO NOT USE THIS SPACE

8. 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 original document.

Stephen C. Kaufman (Reg. No. 29,551)		Feb 18, 2004
Name of Person Signing	Signature	Date

Total Number of pages including cover sheet, attachments, and document: 3

DO NOT DETACH THIS PORTION

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

Assistant Commissioner for Patents  
Box Assignments  
Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

CH \$40.00 090468 10695970

02/10/2004  
700065282

Atty. Docket No. IL920030035US1

RECORDATION FORM COVER SHEET  
PATENTS ONLY

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

1. Name of conveying party(ies):

Shay Ben-David  
Dorit Naishlos  
Uzi Shvadron  
Ayal Zaks

Additional name(s) of conveying party(ies) attached? Yes  No

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

Name: International Business Machines Corporation  
Address: New Orchard Road  
Armonk, NY 10504

Additional name(s) & addresses attached? Yes  No

3. Nature of conveyance:

Assignment

Execution Date(s): October 27, 2003, October 27, 2003, October 27, 2003, and October 27, 2003 respectively.

4. Patent Application number(s)

10/674,015

INCORRECT SERIAL NUMBER

Execution Date(s): October 27, 2003, October 27, 2003, October 27, 2003, and October 27, 2003 respectively.

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

Name: Stephen C. Kaufman  
Address: IBM Corporation  
Intellectual Property Law  
P.O. Box 218  
Yorktown Heights, NY 10598

6. Total number of applications involved: 1

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

Charge to Deposit Account No.: 09-0468

DO NOT USE THIS SPACE

8. 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 original document.

Stephen C. Kaufman (Reg. No. 25,551)

Name of Person Signing

Signature

Date

*Stephen C. Kaufman*

Feb 10, 2004

Total Number of pages including cover sheet, attachments, and document: 3

DO NOT DETACH THIS PORTION

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

Assistant Commissioner for Patents  
Box Assignments  
Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000G, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

2025 RELEASE UNDER E.O. 14176

### Assignment

Whereas, we

INVENTOR (1) BEN-DAVID Shay of Haifa, Israel

AND CITY

INVENTOR (2) NAISHLOS Dorit of Haifa, Israel

AND CITY

INVENTOR (3) SHVADRON Uzi of Mitzpe Avi"v, Israel

AND CITY

INVENTOR (4) ZAKS Ayal of Mitzpe Avi"v, Israel

AND CITY

have invented certain improvements in

TITLE: Vectorization in a SIMdD DSP Architecture

DATES THAT (1) 27/10, 2003, (2) 27/10, 2003  
INVENTORS  
SIGNED THE (3) 27/10, 2003, (4) 27/10, 2003  
DECLARATION

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 inventions set forth in said applications 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.

CITY AND DATE SIGNATURE (1) at Haifa on 27.10, 2003,

312 / 2 u

Shay BEN-DAVID FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE SIGNATURE (2) at Haifa on 27.10, 2003,

Dorit Naishlos

Dorit NAISHLOS FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE SIGNATURE (3) at Haifa on 27.10, 2003,

Uzi Shvadron

Uzi SHVADRON FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE SIGNATURE (4) at Haifa on 24.10, 2003,

Ayal Zaks

Ayal ZAKS FIRST NAME MIDDLE INITIAL LAST NAME