

01-31-2001

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101601430

1-19-01

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- New
- Resubmission (Non-Recordation)  
Document ID#
- Correction of PTO Error  
Reel #  Frame #
- Corrective Document  
Reel #  Frame #

**Conveyance Type**

- Assignment  Security Agreement
  - License  Change of Name
  - Merger  Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

- Name (line 1)  Execution Date Month Day Year
- Name (line 2)
- Second Party**
- Name (line 1)  Execution Date Month Day Year
- Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

- Name (line 1)   If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
- Name (line 2)
- Address (line 1)
- Address (line 2)
- Address (line 3)     
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

- Name
- Address (line 1)
- Address (line 2)
- Address (line 3)
- Address (line 4)

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 011468 FRAME: 0106**

**Correspondent Name and Address** Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09634748"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT

PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

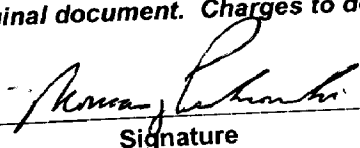
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) #

Deposit Account Number:

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Thomas J. Perkowski, Esq.  January 19, 2001

Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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Patent Application Number(s)

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no. 45/00  
AUTHENTICATION OF SIGNATURE

I the undersigned MELZER IZHACK, notary at BEER SHEVA, ISRAEL, hereby certify that on DECEMBER 12 2000, there appeared before me at my office:

1. Mr/Mrs./Miss. REUVEN BAKALASH known to me personally/ whose identity was proved to me by Identity Booklet/ Passport No. 06444021-7 issued by the INTERIOR MINISTRY at BEER SHEVA on 06 SEP 1987.
2. Mr/Mrs./Miss GUY SHAKED known to me personally/ whose identity was proved to me by Identity Booklet/ Passport No. 06798978-0 issued by the INTERIOR MINISTRY at BEER SHEVA on 01 FEB 1993
3. Mr/Mrs./Miss JOSEPH CASPI known to me personally/ whose identity was proved to me by Identity Booklet/ ISRAELI Passport No. 6862533 issued by the INTERIOR MINISTRY at HERZELIYA on 18 SEP 1996.

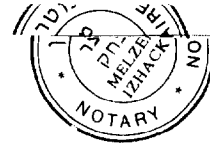
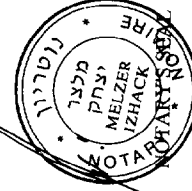
and signed of his/her/their own free will the annexed document marked A document overleaf.

IN WITNESS THEREOF I HEREBY AUTHENTICATE THE SIGNATURES OF

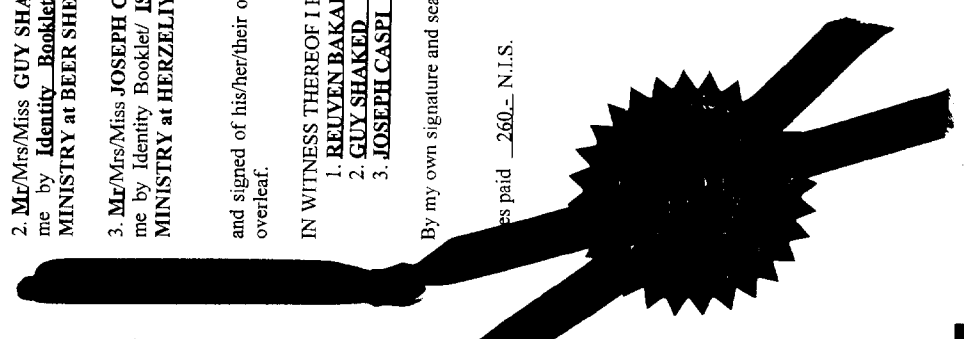
1. REUVEN BAKALASH
2. GUY SHAKED
3. JOSEPH CASPI

By my own signature and seal this DECEMBER 12 2000

es paid 260.- N.I.S.



A handwritten signature in black ink, appearing to read 'Melzer Izhack'.





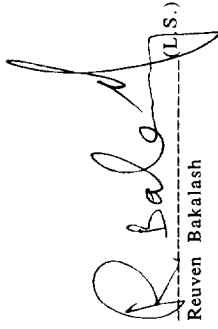
U.S. Patent Application No. 09/634,748 entitled "RELATIONAL DATABASE MANAGEMENT SYSTEM HAVING INTEGRATED NON-RELATIONAL MULTI-DIMENSIONAL DATA STORE OF AGGREGATED DATA ELEMENTS"

Attorney Docket: 122-004USA000

Patent Assignment

Inventors: Reuven Bakalash et al

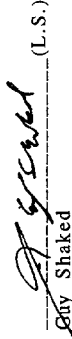
Signed at Rehovot, Israel  
this \_\_\_ day of November, 2000.

  
Reuven Bakalash  
(L.S.)

This day before me personally appeared REUVEN BAKALASH, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

-----  
Notary Public

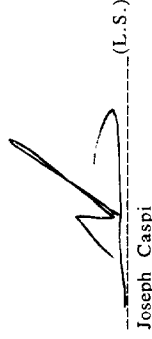
Signed at Rehovot, Israel  
this \_\_\_ day of November, 2000.

  
Guy Shaked  
(L.S.)

This day before me personally appeared GUY SHAKED, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

-----  
Notary Public

Signed at Rehovot, Israel  
this \_\_\_ day of November, 2000.

  
Joseph Caspi  
(L.S.)

This day before me personally appeared YOSEPH CASPI, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

-----  
Notary Public