

(Sm. Bus. §1.60)

Docket No.: M-1226-5C US

DIVISION-CONTINUATION PROGRAM APPLICATION TRANSMITTAL FORM

Prior Application

Serial No.: 08/439,207 Filing Date: 05/11/95

Inventor(s) Doktor, Karol

Assignee: Financial Systems Technology Pty. Ltd.

Examiner: R. Ho Group Art Unit: 2307

Title: A Data Processing System and Method for Maintaining Cardinality in a Relational Database

To the Commissioner of Patents and Trademarks:

This is a request to file a:

continuation

divisional

application under **37 CFR 1.60** of the above-named prior application.

Enclosed is a copy of the latest inventor-signed prior application, including the oath or declaration showing the signature or an indication it was signed. The enclosed papers are a true copy of the latest inventor-signed prior application, including the specification, claims, drawings and oath or declaration, and no amendments referred to in the oath or declaration filed to complete the prior application introduced new matter therein.

CLAIMS AND FILING FEES

A Preliminary Amendment is enclosed.

Cancel in this application claims ___ of the latest inventor-signed prior application before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)

Cancel in this application all claims of the latest inventor-signed prior application and substitute the claims contained in the attached Preliminary Amendment prior to calculating the filing fee.

Add the additional claims in the attached Preliminary Amendment prior to calculating the filing fee.

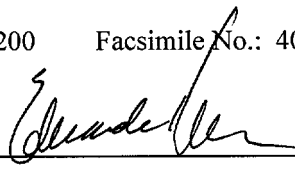
IBM Ex. 1012

Since the power does not appear in the original papers, a copy of the power in the latest inventor-signed prior application is enclosed.

Address all future communications (May only be completed by applicant, or attorney or agent of record) to:

Edward C. Kwok
SKJERVEN, MORRILL, MACPHERSON, FRANKLIN & FRIEL LLP
25 Metro Drive, Suite 700
San Jose, CA 95110

Telephone No.: 408-453-9200 Facsimile No.: 408-453-7979

Date: 4/22/97 Signature: 

Reg. No. 33,938

Address of signator:

- inventor(s)
- assignee of complete interest
- attorney or agent of record
- attorney for Applicant(s)
under 37 C.F.R. § 1.34(a)

SKJERVEN, MORRILL, MACPHERSON, FRANKLIN & FRIEL LLP
25 Metro Drive, Suite 700
San Jose, CA 95110

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The filing fee is calculated as follows:

<u>For</u>	<u>Number Filed</u>		<u>Number Extra</u>		<u>Rate</u>		<u>Fee</u>
Total Claims	18	-20 =	0	x	\$11	=	\$ 0.00
Independent Claims	2	-3 =	0	x	\$40	=	\$ 0.00
Basic Filing Fee:							\$ 385.00
<input type="checkbox"/>	Application contains one or more multiple dependent claims (\$130 total fee)						\$ 0.00
TOTAL FILING FEE:							\$ 385.00

Please make the following charges to Deposit Account 19-2386:

- Fee for filing the patent application in the amount of \$ 385.00
- An Extension of Time in the above-named prior application has been requested and the fees therefor have been authorized in said application.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 19-2386. A Return Receipt Postcard and triplicate copy of this sheet are enclosed.
- Amend the specification by inserting before the first line the sentence:
This application is a continuation division of application serial no. 08/439,207, filed May 11, 1995, which is a divisional of 08/083,361, filed June 28, 1993, now issued, which is a continuation of serial no. 07/526,424, filed May 21, 1990, now abandoned.
- New drawings are enclosed.
- Other enclosures: _____
- Priority of application serial no. ___ filed on ___ in ___ (country) is claimed under 35 USC 119. The certified copy has been filed in the latest inventor-signed prior application.
- Small Entity Declaration/Independent Inventor's Declaration has been filed in the latest inventor-signed prior application and its benefit under 37 CFR 1.28(a) is hereby claimed; is enclosed.
- The power of attorney in the above-named prior application is to Alan H. MacPherson, (24,423); Thomas S. MacDonald, (17,774); Richard Franklin, (19,128); Kenneth E. Leeds, (30,566); Walter J. Madden, Jr., (16,661); Paul J. Winters, (25,246); Brian D. Ogonowsky, (31,988); Edel M. Young, (32,451); David W. Heid, (25,875); Gideon Gimlan (31,955); Guy W. Shoup, (26,805); Forrest E. Gunnison, (32,899); Norman R. Klivans, (33,003); David H. Carroll, (29,903); Ronald C. Fish, (28,843); Janis J. O Biksa (33,648); Edward C. Kwok (33,938); Elizabeth E. Leitereg (34,101); Patrick T. Bever (33,834); and B. Noël Kivlin (33,929).
- The power appears in the original papers in the latest inventor-signed prior application.

05/22/97



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Karol Doktor
 Assignee: Financial Systems Technology Pty. Ltd.
 Title: A DATA PROCESSING SYSTEM AND METHOD FOR
 MAINTAINING CARDINALITY IN A RELATIONAL DATABASE
 Serial No.: Unknown Filed: Herewith
 Examiner: Unknown Group Art Unit: Unknown
 Attorney Docket No.: M-1226-5C US

San Jose, California
 May 22, 1997

COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D. C. 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified application as indicated below:

IN THE TITLE

Please amend the title to --EASILY EXPANDABLE DATA
 PROCESSING SYSTEM AND METHOD--.

IN THE SPECIFICATION

At page 2, line 10, replace "literally," with
 --literally--.

At page 17, line 10, replace "proximity" with --proximity
 link--.

At page 17, line 11, replace "proximity" with --proximity
 link--.

At page 17, line 13, replace "proximity" with --proximity
 link--.

At page 32, line 36, replace "owner" with --owning--.

At page 36, line 33, replace "RTD" with --RTO--.

At page 39, line 21, replace "REL-DEF" with --REL.DEF--.

At page 41, line 22, replace "enterthe" with --enter
 the--.

At page 43, line 14, replace "invetnion" with
 --invention--.

LAW OFFICES OF
 SKJERVEN, MORRILL,
 MacPHERSON, FRANKLIN
 & FRIEL

25 METRO DRIVE
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At page 45, line 23, replace "AD.4)" with --AD.4;--.

At page 50, line 7, replace "FEL.DEF" with --REL.DEF--.

At page 50, line 10, replace "REF.DEF" with --REL.DEF--.

At page 53, line 9, replace "entity. (i.e." with --entity
(i.e.--.

At page 55, line 1, replace "applicationprogram" with
--application program--.

At page 57, line 9, replace "question,?.??" with
--question, ???--.

IN THE CLAIMS

Please cancel Claims 1-14 without prejudice.

Please add the following new claims:

--15. A method for retrieving a desired entity of a desired entity type from a relational database, wherein said desired entity is related to a provided entity by a provided relation type associating an entity type of said provided entity with said desired entity type, said method comprising:

- retrieving a specific relation type record defining said provided relation type from a relation definition table;
- retrieving a specific relation instance record defining a relation of said provided relation type between said provided entity and said desired entity from a relation instance table corresponding to said specific relation type record;
- retrieving a desired entity type record containing said desired entity type from an entity definition table, wherein said desired entity type record specifies a desired entity instance table associated with said desired entity type; and
- retrieving said desired entity from said desired entity instance table.

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