PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G06F 17/30 — A1

(11) International Publication Number: **WO 00/25237**

(43) International Publication Date: 4 May 2000 (04.05.00)

(21) International Application Number: PCT/US99/25195

(22) International Filing Date: 27 October 1999 (27.10.99)

(30) Priority Data:

60/105,883	27 October 1998 (27.10.98)	US
09/208,118	9 December 1998 (09.12.98)	US

(71) Applicant: COMPUTER ASSOCIATES THINK, INC. [US/US]; 1 Corporate Associate Plaza, Islandia, NY 11749 (US).

(72) Inventors: ISIP, Amando, B., Jr.; 1204 Serenade Lane, Richardson, TX 75081 (US). PARKER, Christopher, F.; 275 Fox Chase Drive North, Oswego, IL 60543 (US). WEAVER, Stephen, J.; 6113 Heritage Lane, Holland, PA 18966 (US).

(74) Agent: DEVITO, Victor; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: METHOD FOR CHECKING TABLESPACES INVOLVED IN REFERENTIAL INTEGRITY

(57) Abstract

A recover or reload utility determines if a check utility is to be executed. If a check utility is to be executed, the recover or reload records the dependent tablespace names to virtual storage allocated to a job step (1040) instead of to virtual storage allocated to a subtask (1050). After the recover or reload performs its function, if a check utility is next, the database operating system will not freemain the virtual storage (e.g., data area) into which the recover or reload utility has recorded the names of the dependent tables when the subtask ends. Upon termination of the recover or reload utility, the persistent data area is available for the check utility to use.

