

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 August 2003 (07.08.2003)

PCT

(10) International Publication Number
WO 03/065250 A1

(51) International Patent Classification⁷: **G06F 17/30**

(21) International Application Number: PCT/US02/41524

(22) International Filing Date:
26 December 2002 (26.12.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/062,791 30 January 2002 (30.01.2002) US

(71) Applicant: **RF SAW COMPONENTS, INCORPORATED** [US/US]; 900 Alpha Drive, Suite 400, Richardson, TX 75081 (US).

(71) Applicants and

(72) Inventors: **HARTMANN, Clinton, S.** [US/US]; 5419

Ridgedale Drive, Dallas, TX 75206 (US). **BONNER, William, C.** [US/US]; Apt. D210, 11100 N.E. 11th Street, Bellevue, WA 98004 (US).

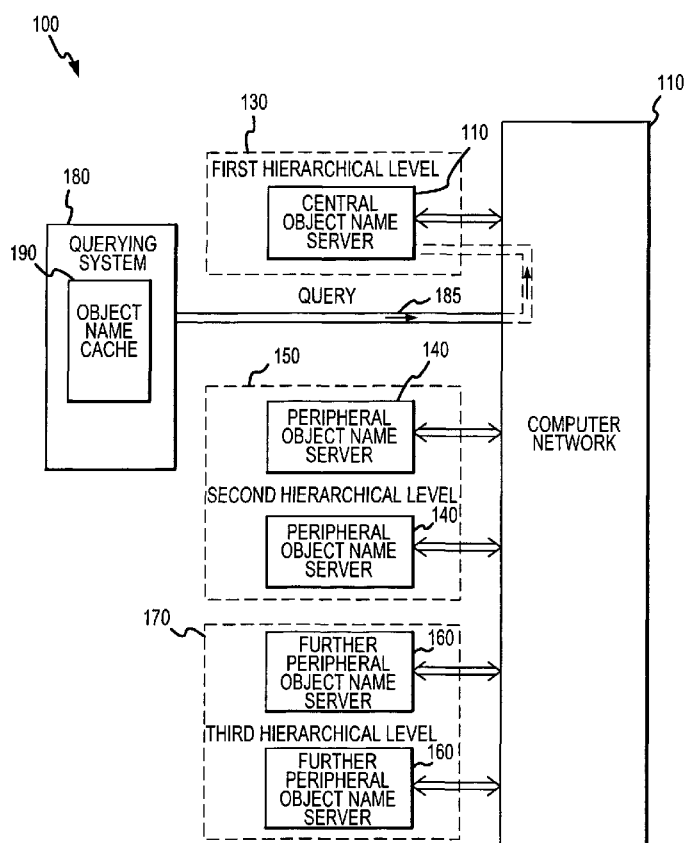
(74) Agent: **HEISZ, Jimmy, L.**; Hitt Gaines & Boisbrun, P.C., P.O. Box 832570, Richardson, TX 75083 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: OBJECT-NAMING NETWORK INFRASTRUCTURE FOR IDENTIFICATION TAGS AND METHOD OF OPERATION THEREOF



(57) Abstract: An object-naming network infrastructure and a method of responding to queries for object names. In one embodiment, the infrastructure includes: (1) a central object name server coupled to a computer network and constituting a first hierarchical level and (2) peripheral object name servers coupled to the computer network and constituting a second hierarchical level, the central object name server responding to an object name query received from a querying system by directing the querying system to query instead one of the peripheral object name servers in the second hierarchical level, the one of the peripheral object name servers either responding to the query with an object name or directing the querying system to query instead further peripheral object name servers constituting a third hierarchical level.

WO 03/065250 A1



ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.