(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 February 2003 (27.02.2003)

PCT

(10) International Publication Number
WO 03/017682 A2

(51) International Patent Classification[7]: H04Q

(21) International Application Number: PCT/US02/25750

(22) International Filing Date: 13 August 2002 (13.08.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/312,177 13 August 2001 (13.08.2001) US

(71) Applicant: QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: SPRIGG, STEPHEN, A. [US/US]; 12124 Travertine Court, Poway, CA 92064 (US). LUNDBLADE, Laurence [US/US]; 3062 Navgatuck, San Diego, CA 92117 (US).

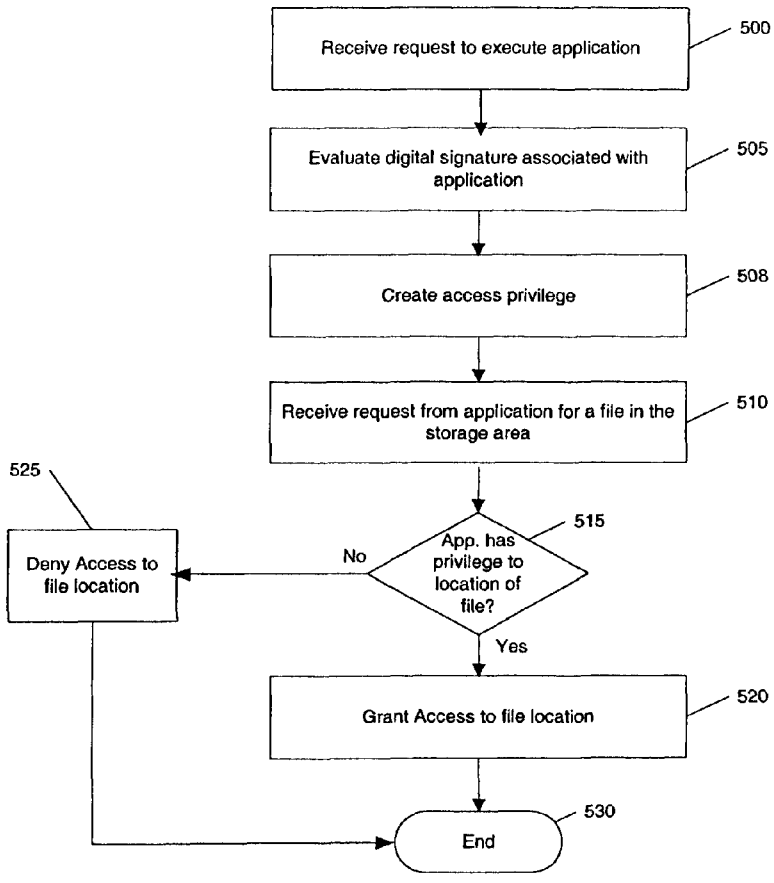
(74) Agents: WADSWORTH, Philip, R., et al.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(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, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, 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, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,

[Continued on next page]

(54) Title: APPLICATION LEVEL ACCESS PRIVILEGE TO A STORAGE AREA ON A COMPUTER DEVICE



(57) Abstract: An application's access to storage is limited on a per applicatin basis. The application is granted access to a portion of the storage. The application may manipulate that portion of the storage by creating distinct file structures within that portion, modifying, reading and writing files contained therein. The application is denied access to the storage area outside the granted portion. Similarly, other applications stored in the storage area follow a similar paradigm. In one embodiment, the storage area is a hierarchial file structure and applications are stored as children in the file structure. The applications, however, are mapped to indicate each are stored at the file structure to prevent access to other areas of the file structure. In another embodiment, the file structure supports a shared directory that multiple applications are mapped to, also as a root directory but to another drive.

WO 03/017682 A2

TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report*

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.