Inter Partes Review of United States Patent No. 7,149,511

IPR2016-00616 and IPR2016-00622



June 1, 2017

Patent Owner's Demonstrative Rosetta-2030



Overview

Overview of the '511 Patent

Claim Construction

- "Downstream Data"
- "Network Server"
- "Electronic File and "Source Electronic File"

Petitioners' Grounds

- Goggin
- Kimura

Secondary Considerations



Overview of the '511 Patent

<u>The Problem</u>: Wireless data infrastructure could not reliably support remote access to network data resources. [Ex. 1001 at 1:46-2:6; 1:35-37]

- *Intermittency:* A connection to the network was not always available when the user left the office.
- Latency: When available, wireless connections were slow.
- Available solutions were impractical workarounds and essentially hand-portable hard drives.





Overview of the '511 Patent

The Solution:

Wireless intelligent personal (network) server ("WIPS"), a device that maintains data downloaded from a remote source server and provides local access to the downloaded files to a PDAs and other "external display devices"

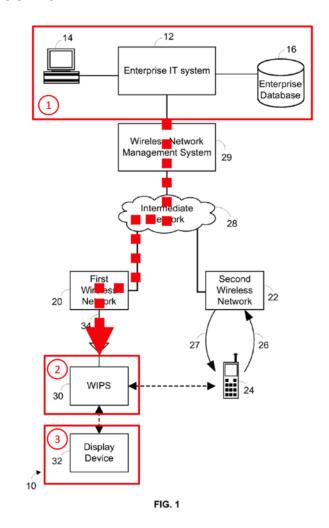


(12) United States Patent (10) Patent No.: US 7.149.511 B1 Bachner, III et al. (45) Date of Patent: (54) WIRELESS INTELLIGENT PERSONAL SERVER (US); John Major, Rancho Santa Fe, CA (US); Xin Du, Bartlett, IL (US) Subject to any disclaimer, the term of thi FOREIGN PATENT DOCUMENTS patent is extended or adjus U.S.C. 154(b) by 488 days. Primary Examiner—Keith Ferguson (74) Attorney, Agent, or Firm—Momkus McCluskey, Jefferson Perkins quency (RF) receiver, a memory for storing electronic files, a set of embedded muchine language instructions, a central processing unit (CFU), a first interface for a display device, the control of the 455/419: 455/412.1: 455/412.2: 455/418; 455/422.1; 455/550.1; 455/557; 455/556.1; 709/202; 709/203; 709/216; 709/219 455/500, 502, 423, 424, 425, 67,11, 552,1, 455/562.1, 556.1, 561, 466, 414.4; 345/901, 345/903, 905, 1.1, 2.3, 3.1; 709/202, 203, 709/216, 219 ication file for complete search history. References Cited U.S. PATENT DOCUMENTS 4.916.441 A 41990 Combreid 5.297.192 A 3/1994 Gerscheg 5.478.472 A 121995 Campena, Jr. et al. 5.479.472 A 121995 Campena, Jr. et al. 5.754.625 A 9 41997 Campena, Jr. et al. 5.754.625 A 9 51998 Shamra 5.819.172 A 101998 Campena, Jr. et al. 80 Claims, 3 Drawing Sheets



Overview of the '511 Patent

A remote source server, such as a corporate <u>network server</u>, sends <u>data downstream</u> to the WIPS, without any active request from the user, whenever the WIPS has wireless network access



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