



US005845282A

United States Patent [19]

[11] **Patent Number:** 5,845,282

Alley et al.

[45] **Date of Patent:** *Dec. 1, 1998

[54] **METHOD AND APPARATUS FOR REMOTELY ACCESSING FILES FROM A DESKTOP COMPUTER USING A PERSONAL DIGITAL ASSISTANT**

[75] Inventors: **Peter E. Alley**, Saratoga; **Joseph G. Ansanelli**, Palo Alto, both of Calif.

[73] Assignee: **Apple Computer, Inc.**, Cupertino, Calif.

[*] Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

[21] Appl. No.: **511,978**

[22] Filed: **Aug. 7, 1995**

[51] **Int. Cl.⁶** **G06F 17/30**

[52] **U.S. Cl.** **707/10; 707/104; 395/200.62**

[58] **Field of Search** 395/200.03, 650, 395/200, 500, 169, 170, 400, 601, 616, 610, 615, 604, 200.01, 825, 200.62; 382/69; 364/200, 708; 345/173; 178/19; 380/25; 707/10, 104

[56] **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|-----------|---------|----------------------|------------|
| 4,653,112 | 3/1987 | Quimette | 382/69 |
| 4,686,332 | 8/1987 | Greanias et al. | 178/19 |
| 4,774,655 | 9/1988 | Kollin et al. | 364/200 |
| 5,007,085 | 4/1991 | Greanias et al. | 380/25 |
| 5,175,854 | 12/1992 | Cheung et al. | 395/650 |
| 5,224,060 | 6/1993 | Ma | 364/708 |
| 5,309,564 | 5/1994 | Bradley et al. | 395/200 |
| 5,313,578 | 5/1994 | Handorf | 395/200 |
| 5,329,619 | 7/1994 | Page et al. | 395/200 |
| 5,471,318 | 11/1995 | Ahuja et al. | 358/400 |
| 5,471,615 | 11/1995 | Amatsu et al. | 395/200.03 |

| | | | |
|-----------|---------|-----------------------|------------|
| 5,519,851 | 5/1996 | Bender et al. | 395/500 |
| 5,561,446 | 10/1996 | Montlick | 345/173 |
| 5,577,177 | 11/1996 | Collins et al. | 395/169 |
| 5,579,481 | 11/1996 | Drerup | 395/200.01 |
| 5,583,978 | 12/1996 | Collins et al. | 395/170 |
| 5,592,657 | 1/1997 | Johnson et al. | 395/200 |
| 5,630,168 | 5/1997 | Rosebrugh et al. | 395/825 |

OTHER PUBLICATIONS

Schilit et al, The PARCTAB Mobile Computing System, IEEE, pp. 34–39, Oct. 1993.

Christopher et al, Overview of Nine Evaluations of Pen Based Computers, PC Magazine, v12, n17, printed pp. 16–29, Oct. 1993.

John Rizzo, Windows in a Mac World, Mar. 1993, MacUser. Farallon, "Connect Your PC to a Macintosh Network," 1993, Product Literature for Timbuktu for Windows.

Farallon, "Remote Control and File Transfer for Networks," 1993, Product Literature for Timbuktu Pro for Macintosh.

Farallon, "Your AppleTalk Connect for DOS and Windows," 1992–1994, Product Literature for PhoneNET PC 3.1.

Farallon, User's Manual to Timbuktu Remote, 1991, Chapter 5, pp. 63–74.

Primary Examiner—Paul R. Lintz

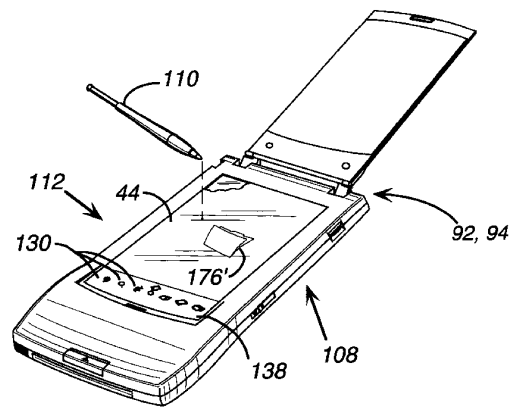
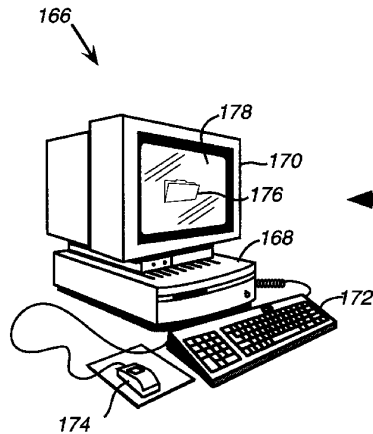
Assistant Examiner—Frantz Coby

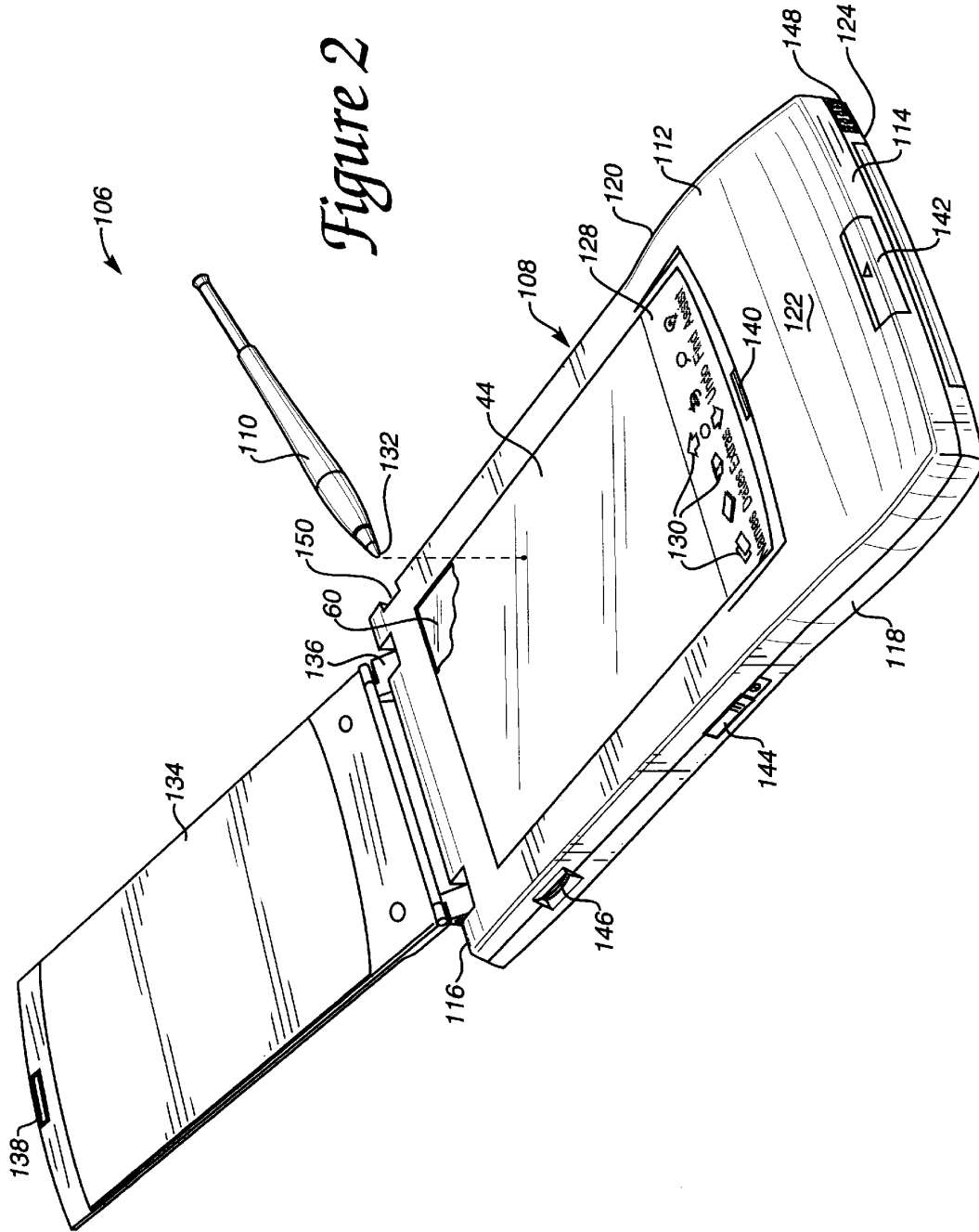
Attorney, Agent, or Firm—Beyer & Weaver, LLP

[57] **ABSTRACT**

A method and apparatus for selecting and retrieving computer data files from a remote computer includes an automatic file translation mechanism. In one embodiment, the data being retrieved and the file translation mechanism are located on the same computer. The method of the invention includes establishing a data transfer link with the remote computer, displaying the files available for retrieval from the remote computer, selecting a file to be transferred, and translating the file prior to transfer. In one embodiment, the apparatus includes a pen-based computer and the remote computer is a desktop computer.

19 Claims, 12 Drawing Sheets





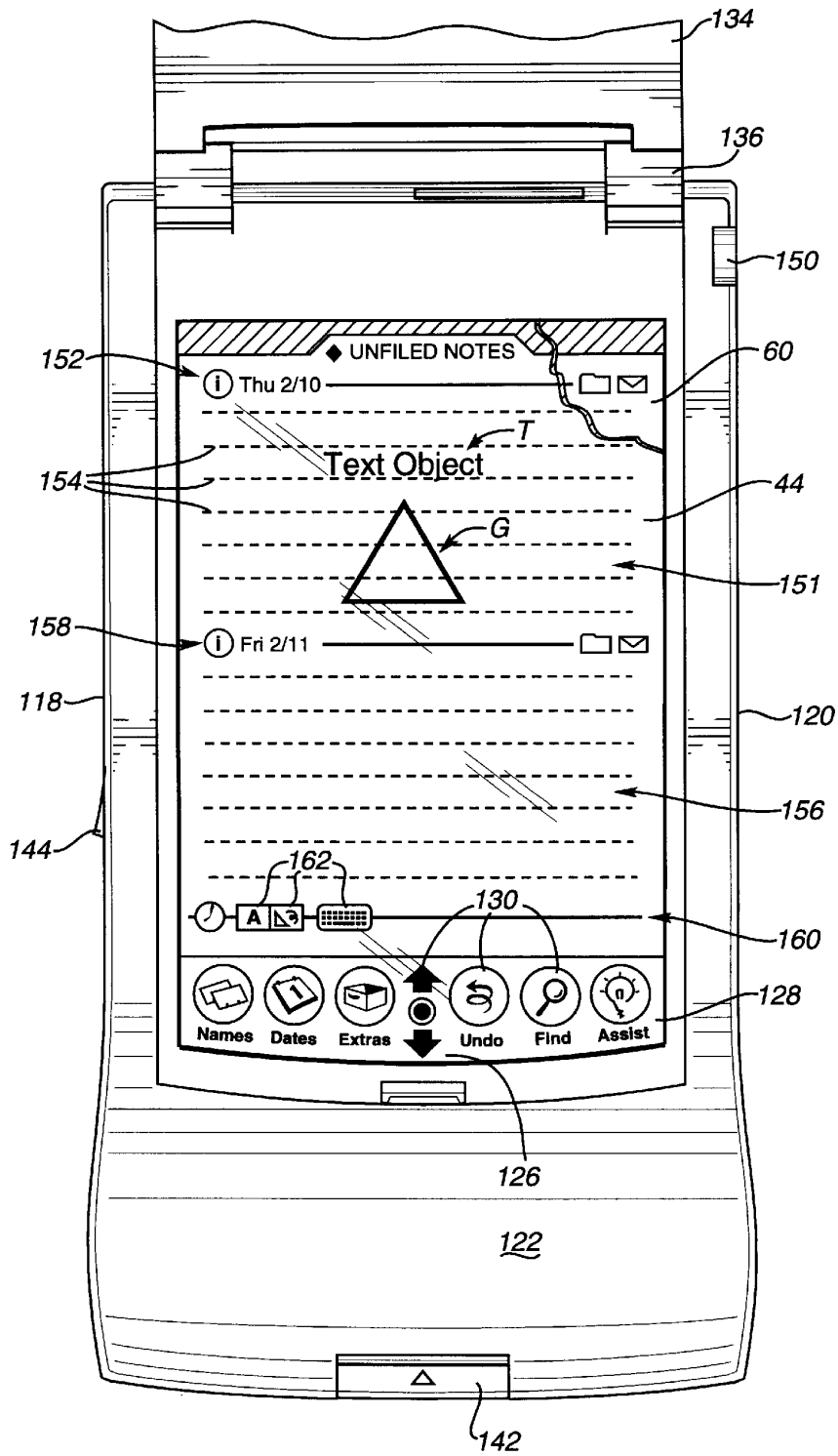


Figure 3

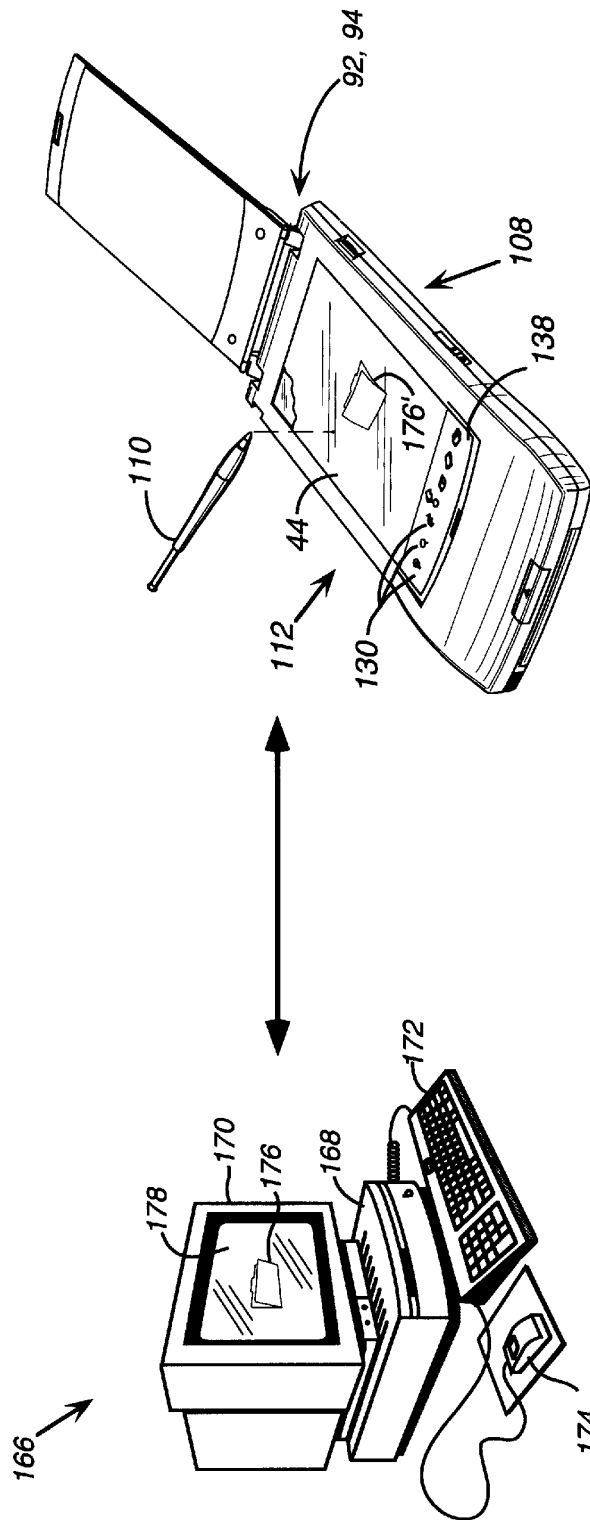


Figure 4

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.