

US006724365B1

## (12) United States Patent

Escamilla et al.

(10) Patent No.: US 6,724,365 B1 (45) Date of Patent: Apr. 20, 2004

| (54) | SCROLL WHEEL | DEVICE FO | OR PORTABLE |
|------|--------------|-----------|-------------|
|      | COMPUTERS    |           |             |

(75) Inventors: Eduardo Escamilla, Round Rock, TX (US); Darin Lee Cepeda, Austin, TX

(US)

(73) Assignee: **Dell Products L.P.**, Round Rock, TX

(US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 158 days.

(21) Appl. No.: 09/668,495

(22) Filed: Sep. 22, 2000

(51) Int. Cl.<sup>7</sup> ...... G09G 5/08

(52) **U.S. Cl.** ...... **345/157**; 345/163; 345/164; 345/165

(56) References Cited

U.S. PATENT DOCUMENTS

5,287,090 A 2/1994 Grant

5,526,481 A 6/1996 Parks et al. 5,530,455 A 6/1996 Gillick et al. 9/1997 Chidester et al. 5.669.015 A 5.805.144 A 9/1998 Scholder et al. 6,031,518 A 2/2000 Adams et al. 6,046,728 A 4/2000 Hume et al. 6,348,913 B1 \* 2/2002 Cho 6,380,927 B1 \* 4/2002 Ostrum et al.

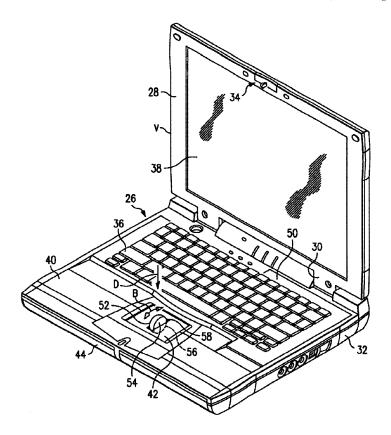
Primary Examiner—Matthew C. Bella Assistant Examiner—Hau Nguyen

(74) Attorney, Agent, or Firm-Haynes and Boone, LLP

#### (57) ABSTRACT

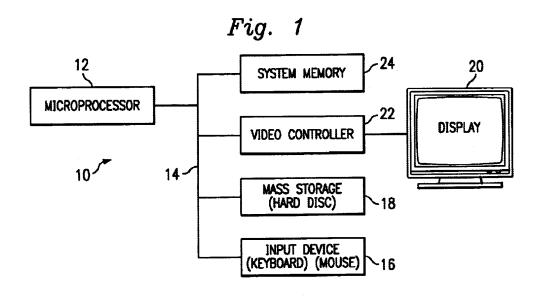
A portable notebook computer includes a base having an exterior surface. A keyboard is mounted on the exterior surface adjacent the keyboard. A scroll device is mounted in the exterior surface adjacent the palmrest area. The scroll device includes a first portion protruding from the exterior surface, and a second portion extending through the exterior surface and recessed into the base. The scroll device is bi-directionally rotatable relative to the exterior surface and resiliently depressible into the base.

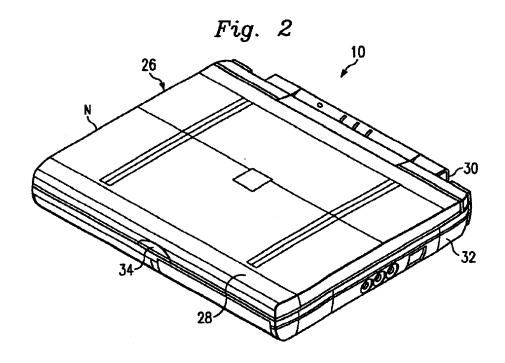
#### 8 Claims, 4 Drawing Sheets

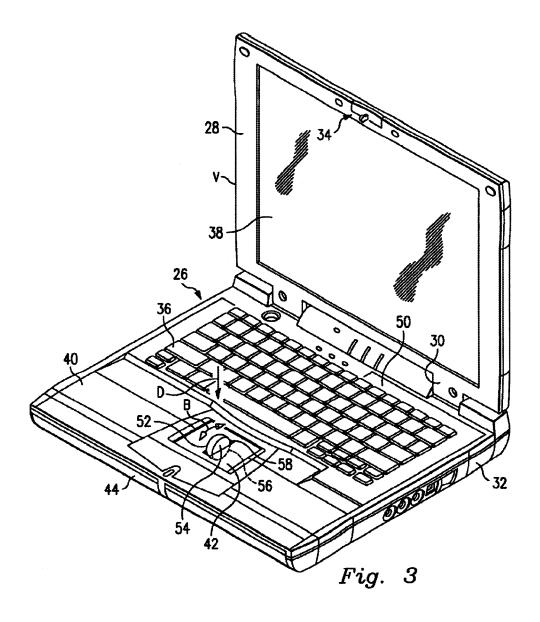


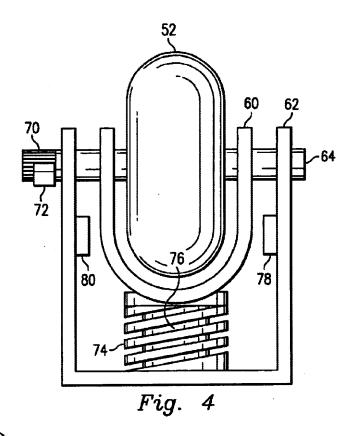


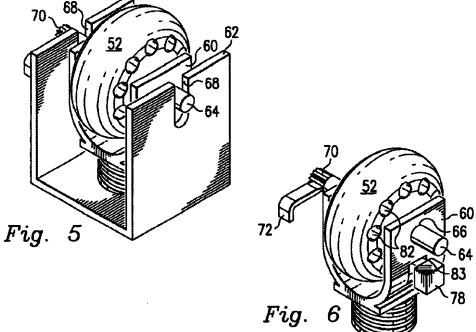
<sup>\*</sup> cited by examiner



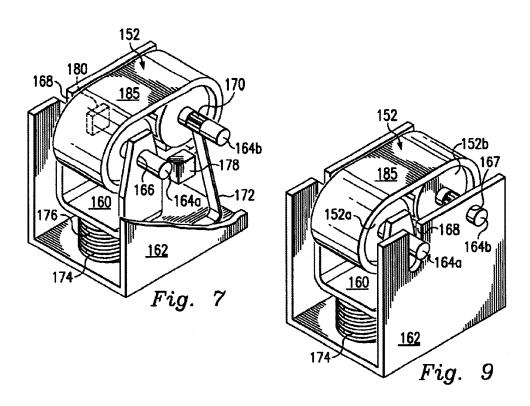


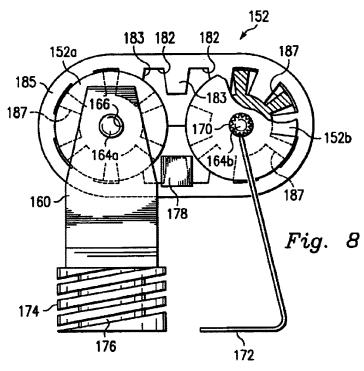












# DOCKET

# 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.

