

[54] **MODULAR RADIO COMMUNICATIONS SYSTEM**

[75] **Inventor:** Per Stein, Stockholm, Sweden

[73] **Assignee:** Telefonaktiebolaget L M Ericsson publ, Stockholm, Sweden

[21] **Appl. No.:** 353,966

[22] **Filed:** Dec. 12, 1994

Related U.S. Application Data

[63] Continuation of Ser. No. 26,478, Mar. 4, 1993, abandoned.

[51] **Int. Cl.⁶** **H04B 1/38**

[52] **U.S. Cl.** **455/89; 455/90; 455/127; 379/58; 364/705.05; 375/222**

[58] **Field of Search** 455/89, 90, 128, 455/129, 127, 84, 269, 348, 350, 351; 375/222; 343/702; 345/825.44; 379/58, 59; 364/705.01, 705.05; 235/492

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,881,258	11/1989	Kaiwa et al.	379/58
4,939,770	7/1990	Makino	455/127
4,972,457	11/1990	O'Sullivan	379/59
5,018,051	5/1991	Yamada et al.	.
5,020,090	5/1991	Morris	.
5,028,806	7/1991	Stewart et al.	.
5,043,721	8/1991	May	340/825.44
5,109,540	4/1992	Dzung et al.	455/90
5,157,247	10/1992	Takahira	.
5,183,404	2/1993	Aldous et al.	.
5,185,700	2/1993	Bezos et al.	.
5,202,838	4/1993	Inoue	.

5,203,021	4/1993	Repplinger et al.	455/90
5,251,232	10/1993	Nonami	455/84
5,260,989	11/1993	Jeness et al.	379/59
5,361,061	11/1994	Mays et al.	455/269
5,373,149	12/1994	Rasmussen	235/492
5,373,300	12/1994	Jeness et al.	455/89

FOREIGN PATENT DOCUMENTS

0571125	11/1993	European Pat. Off.
4136548	9/1992	Germany
9003076	3/1990	WIPO

OTHER PUBLICATIONS

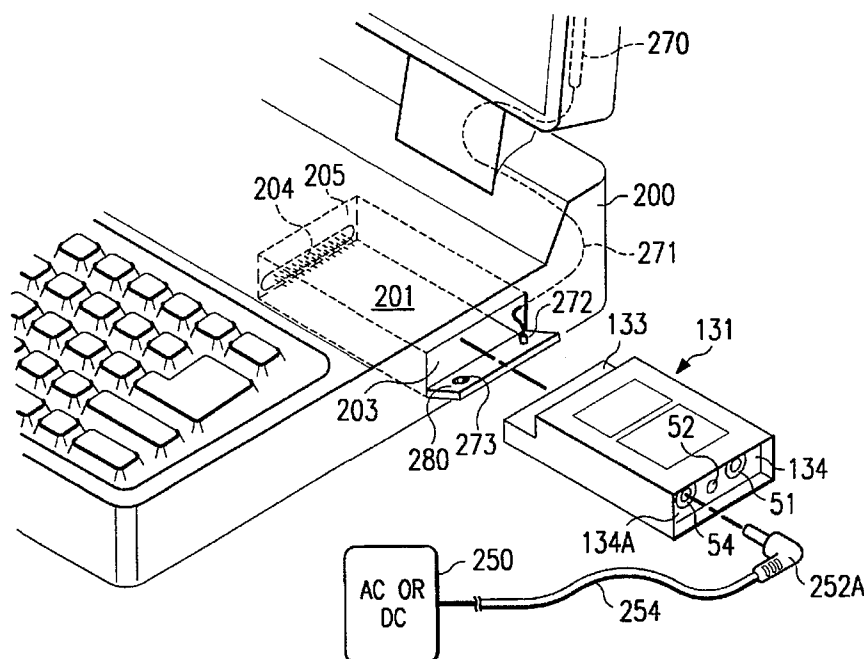
Patton, Carole "Radio Transceiver Circuit Card Acts as Wireless Modem in PCS" Mar. 28, 1988.

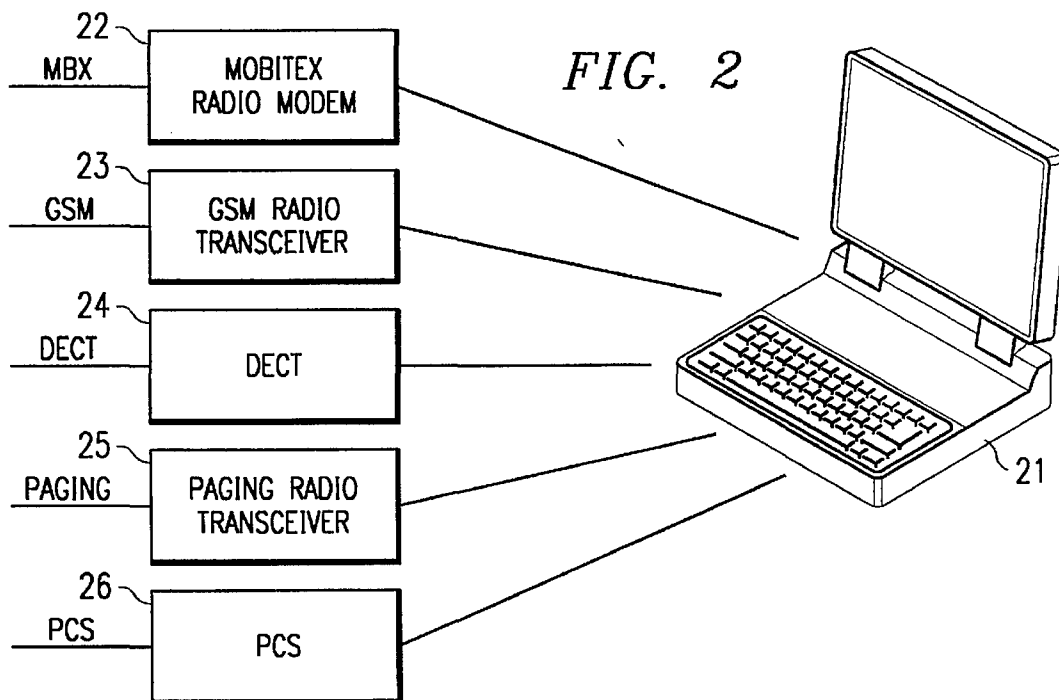
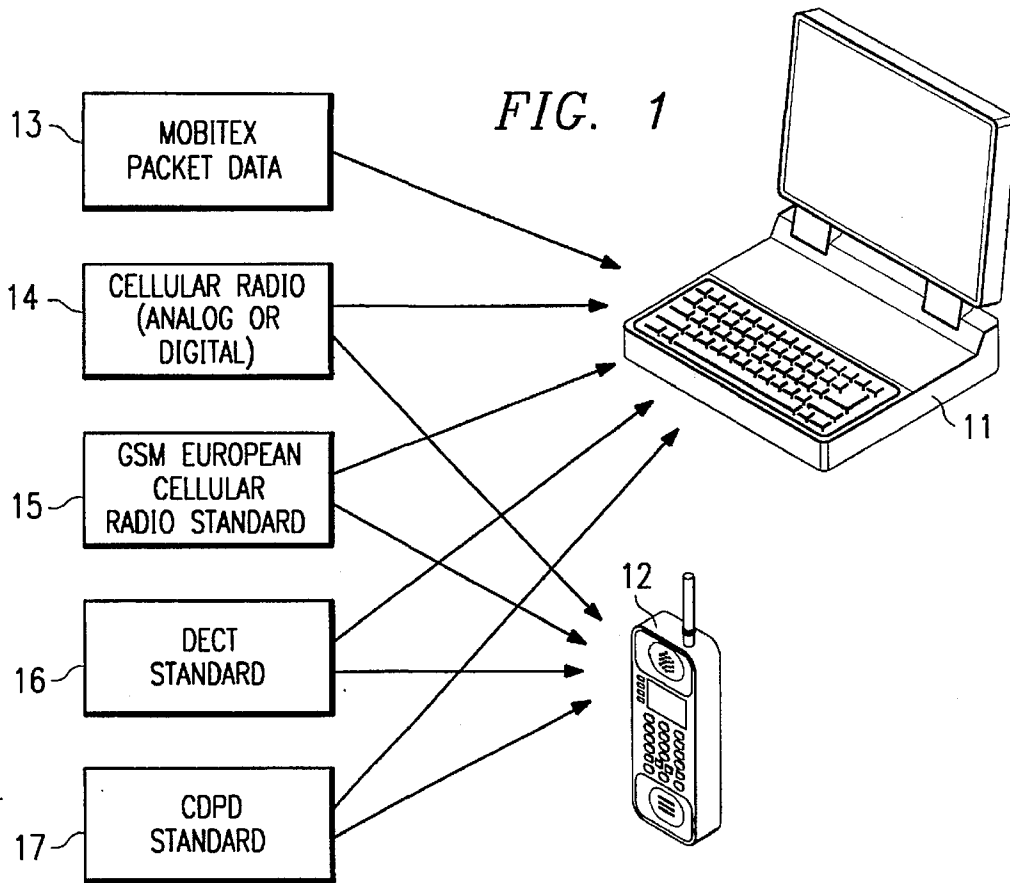
Primary Examiner—Reinhard J. Eisenzopf
Assistant Examiner—Thanh Le
Attorney, Agent, or Firm—Jenkins & Gilchrist, A Professional Corporation

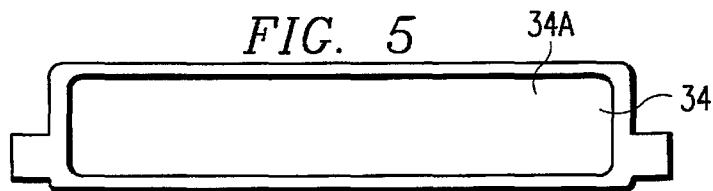
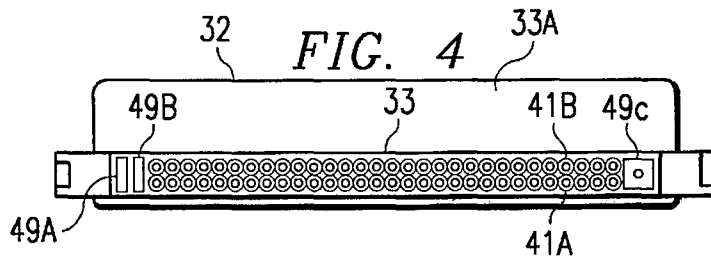
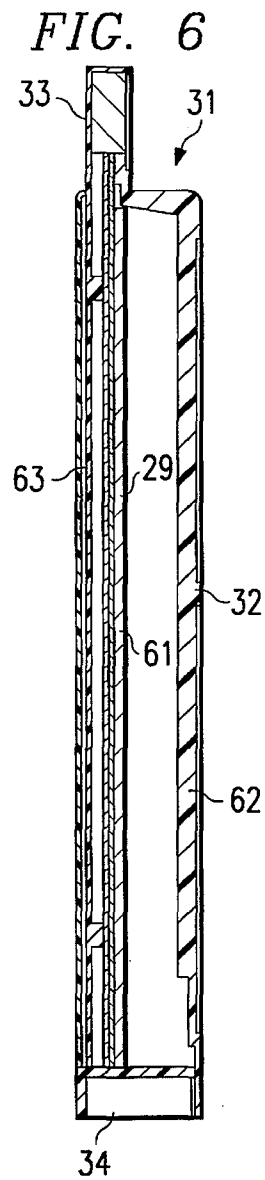
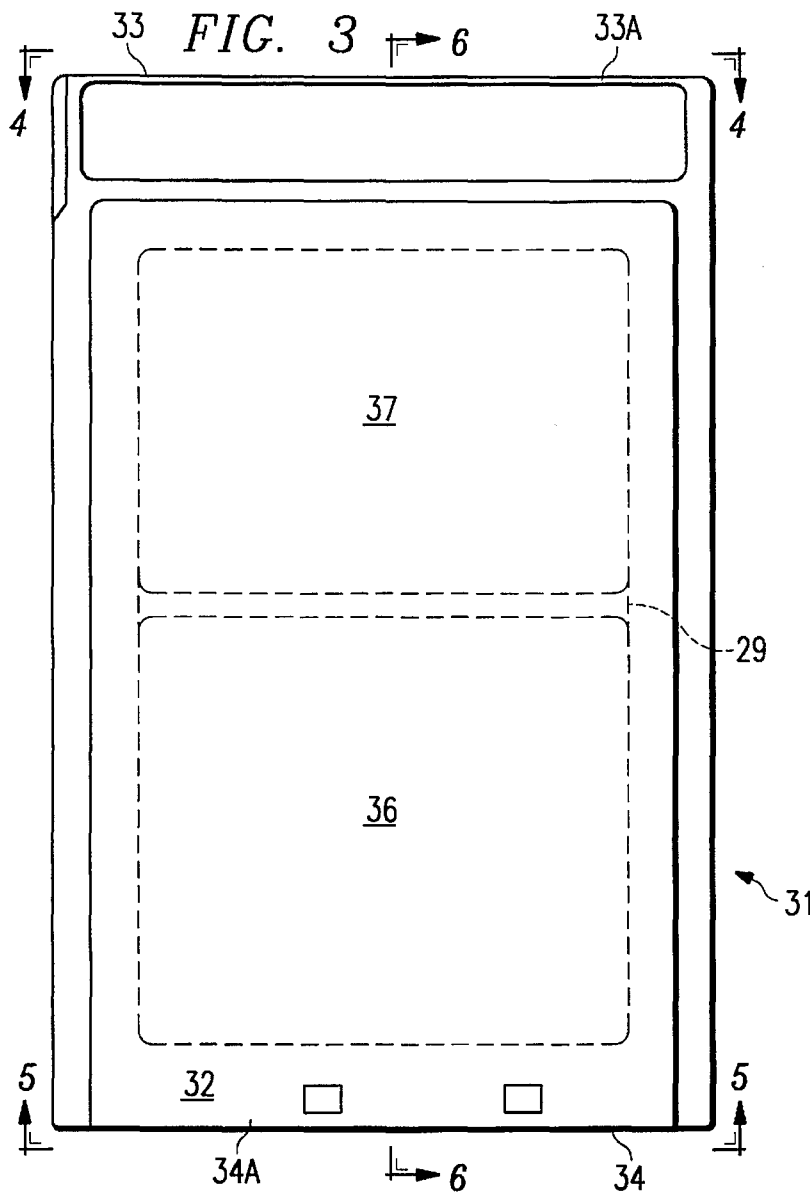
[57] **ABSTRACT**

A modular telecommunications system configured for wireless telecommunication in accordance with a pre-selected standard. Modular units are adapted to be secured within other items of electronic equipment for establishing a telecommunications link with a wireless network. The modular telecommunications unit comprises a housing for mounting a radio transceiver therein. The housing includes a plurality of contacts arranged along a first end, the contacts being adapted for engagement with contacts in the electronic equipment, and at least one radio connector disposed along the second, opposite end of the housing and connected to the radio transceiver within the housing whereby the radio transceiver can be coupled to an antenna to enable communication therefrom.

5 Claims, 7 Drawing Sheets







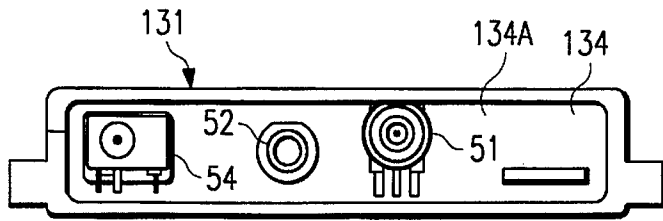


FIG. 7

FIG. 8 → 9

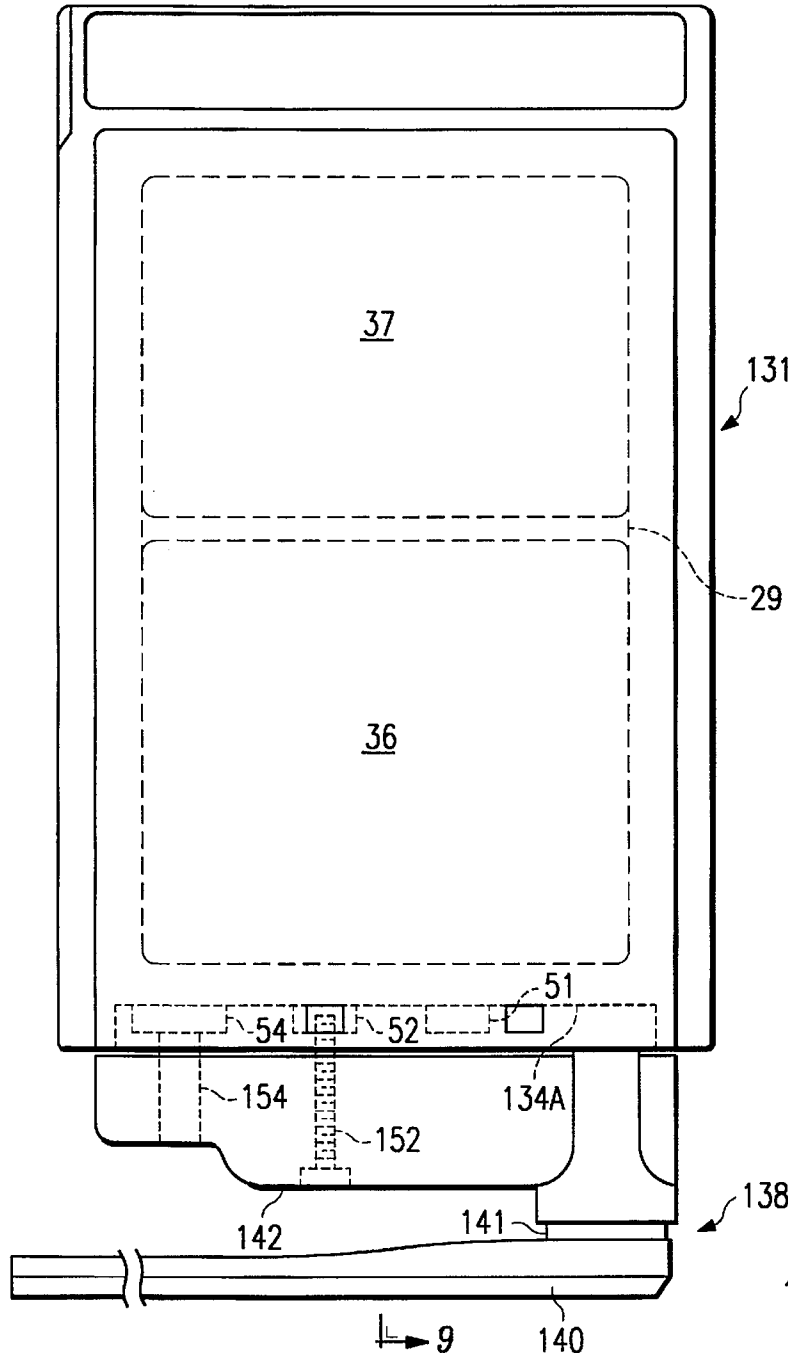
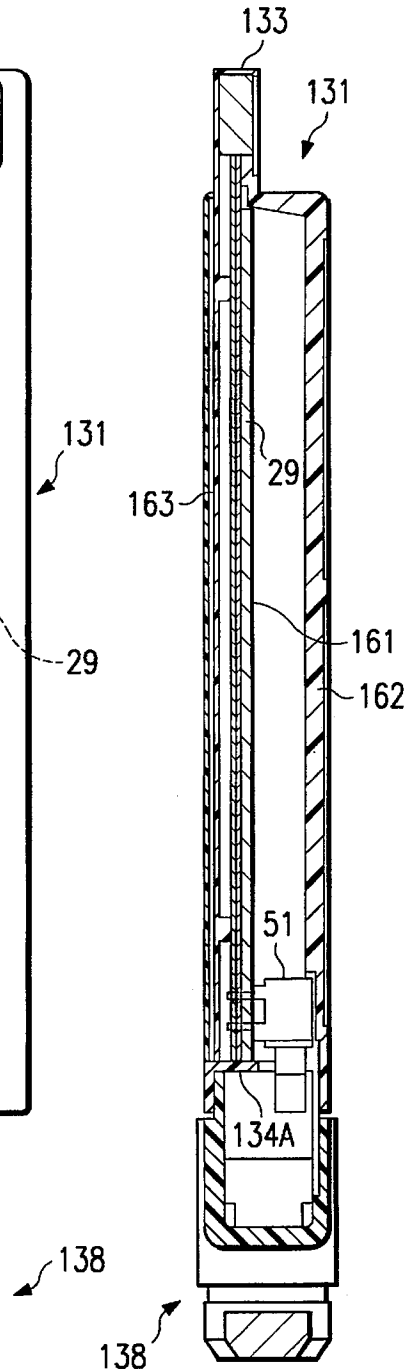


FIG. 9



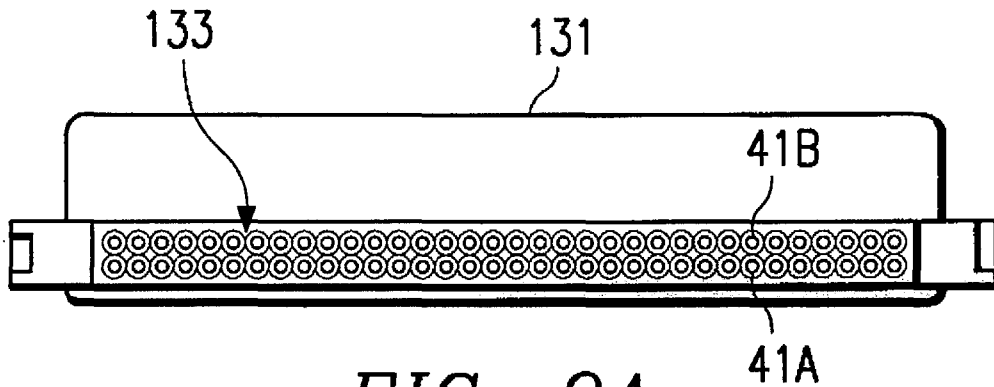


FIG. 9A

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.