

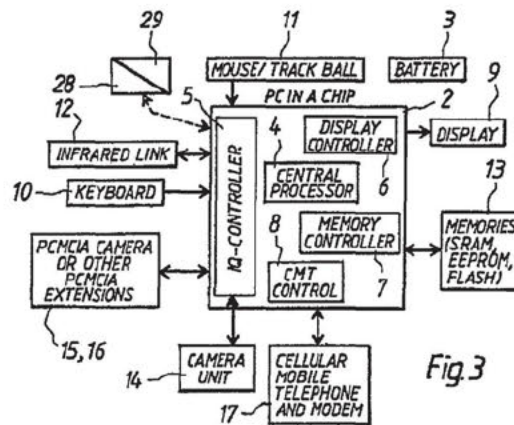
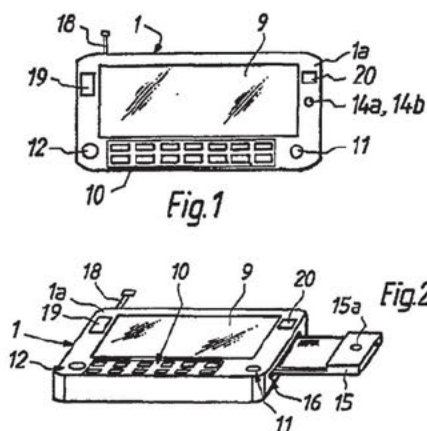
(12) UK Patent Application (19) GB (11) 2 289 555 (13) A

(43) Date of A Publication 22.11.1995

<p>(21) Application No 9509961.0</p> <p>(22) Date of Filing 17.05.1995</p> <p>(30) Priority Data (31) 942334 (32) 19.05.1994 (33) FI</p>	<p>(51) INT CL<sup>6</sup> G06F 3/00 1/16, H04M 1/72, H04N 1/00, H04Q 7/32</p> <p>(52) UK CL (Edition N) G4A ADT AKS H4K KFH U1S S2125 S2127 S2196 S2210 S2215</p>
<p>(71) Applicant(s) <b>Nokia Mobile Phones Limited</b>  (Incorporated in Finland)  P.O. Box 86, SF-24101 Salo, Finland</p> <p>(72) Inventor(s) Kari-Pekka Wilska Reijo Paaajanen Mikko Terho Jari Hamalainen</p> <p>(74) Agent and/or Address for Service J M Potter Nokia Mobile Phones, Patent Department, St Georges Court, St Georges Road, 9 High Street, CAMBERLEY, Surrey, GU15 3QZ, United Kingdom</p>	<p>(56) Documents Cited EP 0526802 A2</p> <p>(58) Field of Search UK CL (Edition N) G4A ADT AKS, H4K KFH, H4L LECX INT CL<sup>6</sup> G06F, H04M, H04Q ONLINE : WPI</p>

(54) Device for personal communications, data collection and data processing and a circuit card

(57) A device for personal communication, data collection and data processing, which is a small-sized, portable and hand-held work station comprising a data processing unit (2); a display (9); a user interface (10, 11); a number of peripheral device interfaces (12, 17); at least one memory unit (13); a power source, preferably a battery (3); and an application software; also comprises a camera unit (14). The camera unit (14) comprises a camera (14a), preferably a semiconductor camera, and optics (14b) connected thereto, which are placed in the housing (1) of the device. Alternatively, the camera unit (14) is fitted on a PCMCIA card (15) which can be connected to the PCMCIA card slot (16) of the device.



GB 2 289 555 A

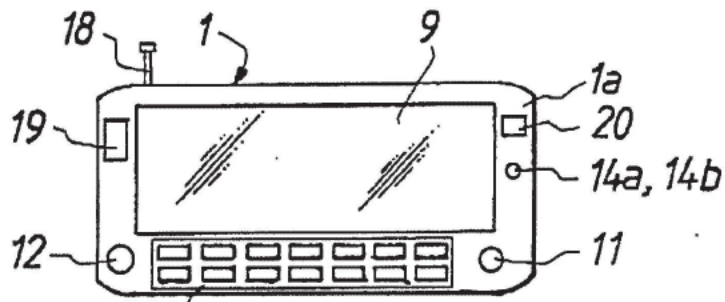


Fig. 1

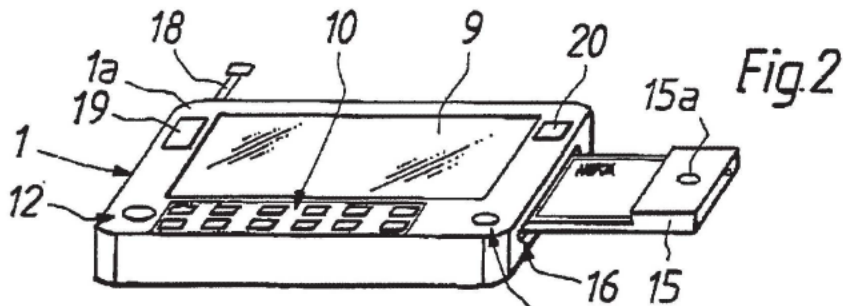


Fig. 2

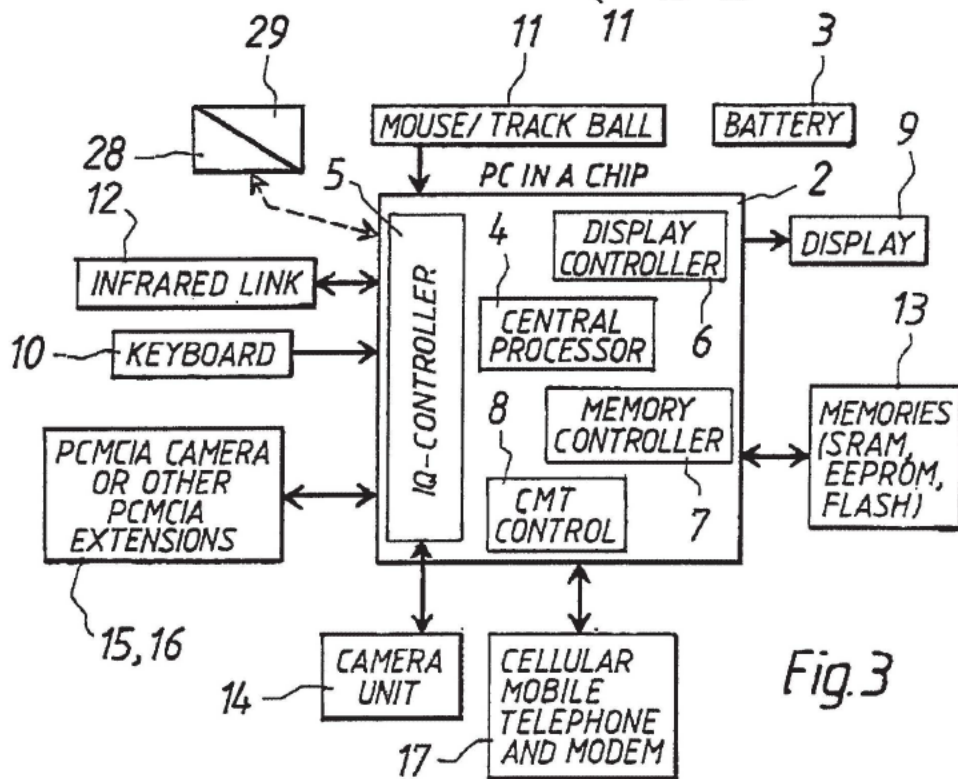


Fig. 3

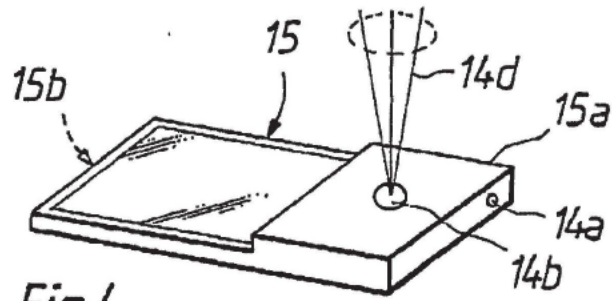


Fig. 4

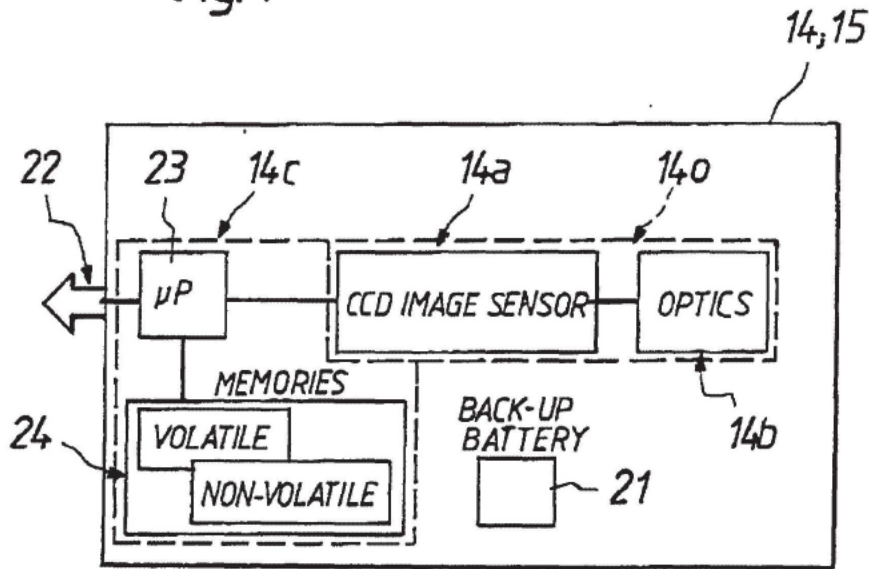


Fig. 5

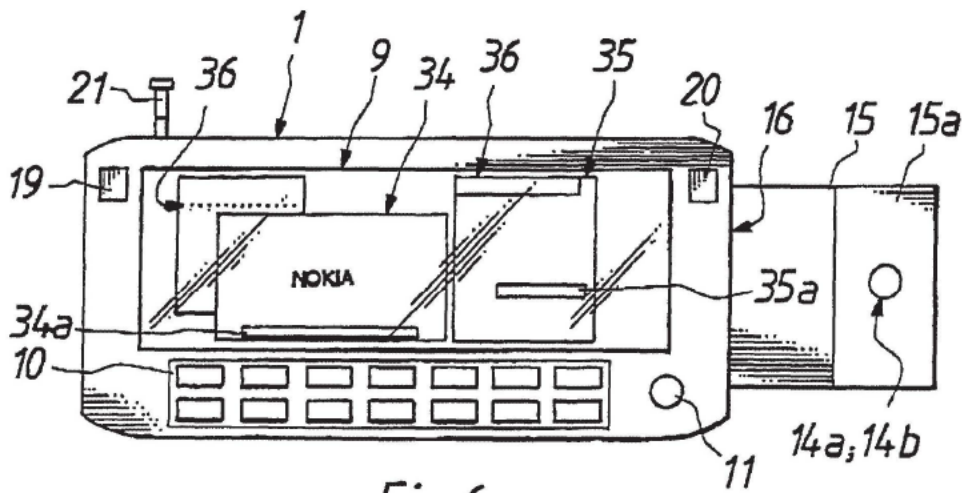


Fig. 6

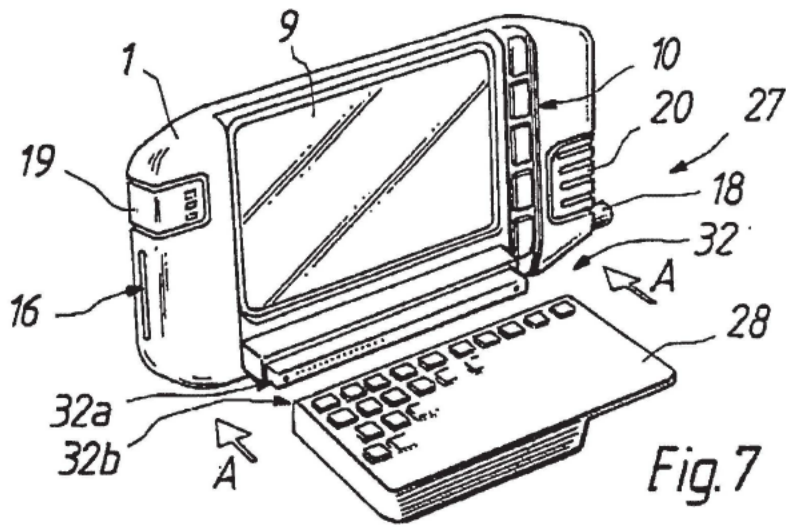


Fig. 7

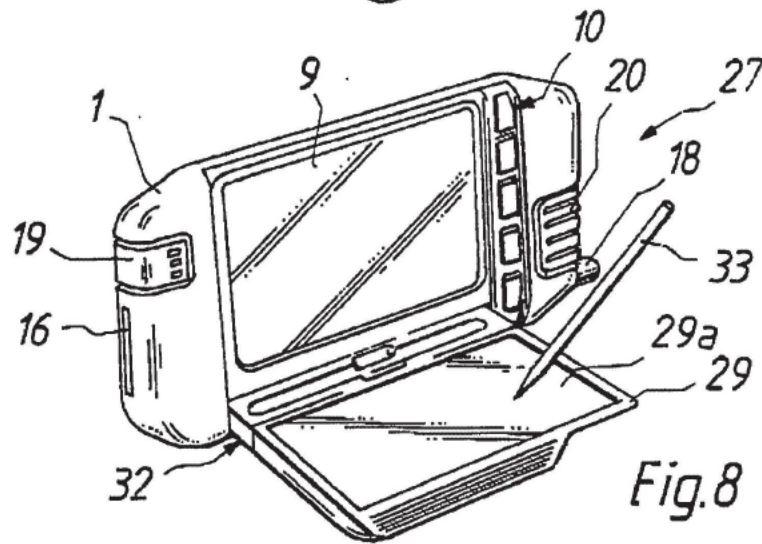


Fig. 8

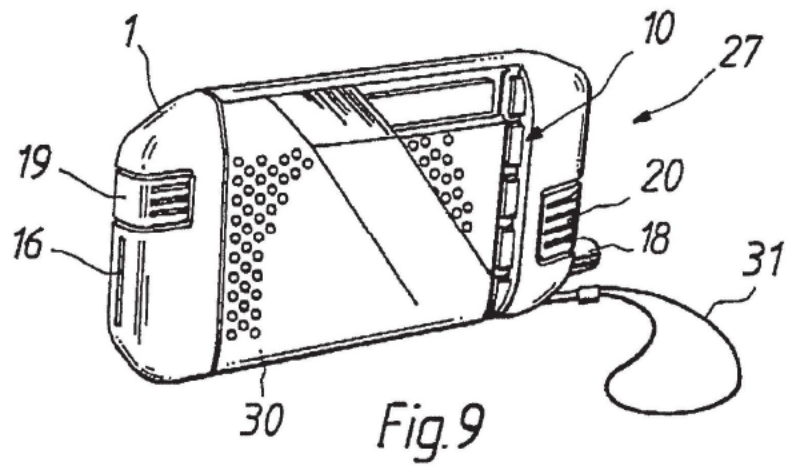


Fig. 9



1 DEVICE FOR PERSONAL COMMUNICATIONS, DATA COLLECTION AND DATA  
2 PROCESSING, AND A CIRCUIT CARD

3  
4 The object of the invention is a device according to the introductory part of  
5 Claim 1 for personal communication, data collection and data processing. The  
6 device consists of a small-sized housing comprising a data processing unit  
7 which contains a data processor with peripheral circuits and memory units, a  
8 display, a user interface, a number of peripheral device interfaces, a power  
9 source, preferably a battery, and application software.

10  
11 Another object of the invention is a circuit card according to the introduction of  
12 Claim 8 which can be fitted to the card slot arranged in connection with a  
13 device intended for personal communication, data collection and processing, in  
14 particular.

15  
16 Personal communication devices and/or mobile organisers, such as notebook  
17 computers and the like, known from before, are small, light-weight, portable  
18 and hand-held or laptop workstations. A number of accessories and application  
19 programs which offer service functions can be installed in such personal  
20 devices, when necessary. A such notebook computer is disclosed in  
21 international patent application WO-93/14458.

22  
23 The notebook computer can be equipped with an electronic scanner by means  
24 of which both text and figures can be read into the memory of the computer.  
25 This helps to eliminate the drawbacks of small keyboards, in particular. Data  
26 required in many connections, such as contact information included in business  
27 cards, can be read into the memory of the computer. However, electronic  
28 scanners comprise fine-mechanical parts which wear and may cause problems.  
29 Especially paper feeding arrangements fitted in small notebook computers are  
30 problematic.

# 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.