

US 20030008659A1

(12) Patent Application Publication Waters et al. (10) Pub. No.: US 2003/0008659 A1 (43) Pub. Date: Jan. 9, 2003

(54) LOCATING ITEMS

(19) United States

(57) **ABSTRACT**

 (76) Inventors: John Deryk Waters, Bath (GB); Salil Pradhan, Santa Clara, CA (US); James Thomas Edward McDonnell, Clifton Bristol (GB); John Lawrence, Birmingham (GB)

> Correspondence Address: LADAS & PARRY Suite 2100 5670 Wilshire Boulevard Los Angeles, CA 90036-5679 (US)

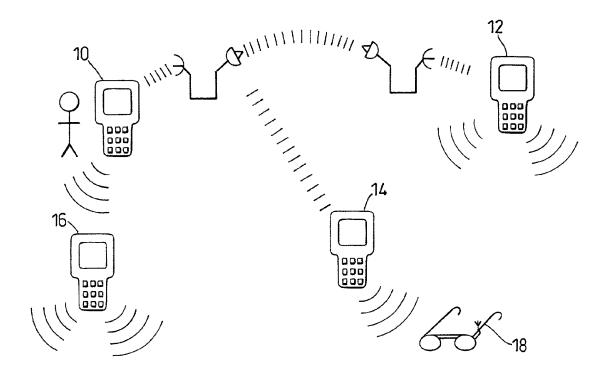
- (21) Appl. No.: 09/885,289
- (22) Filed: Jun. 20, 2001

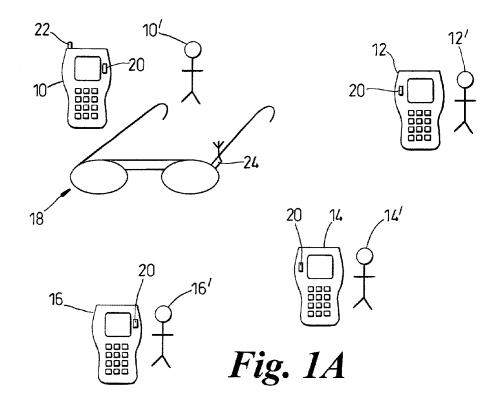
Publication Classification

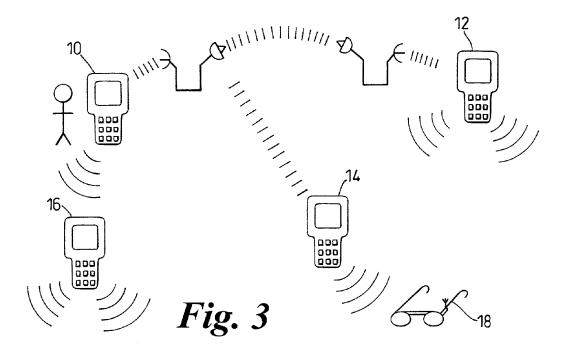
(51)	Int. Cl. ⁷	H	04Q 7/20
(=	ILC CL	1 / 1 / 1 / 1 / 1	

(52	2)	U.S. C	Л.		553
-----	----	--------	----	--	-----

A mobile telecommunications device (10, 12, 14, 16) has both short range, piconet, telecommunications ability and long range cellular telecommunications ability. Mobile items of personal property, eg a pair of glasses (18) can be lost by an individual. The telecommunications devices (10, 12, 14, 16) keep an activity log of the times of existence and members of piconets of which they have been members. If a lost item (18) is not in the present piconet (26) of a user's device (10) it can backtrack through its activity log to find the last piconet for which both it and the missing item (18) were members, and can identify from the activity log what other devices (12, 14, 16) were present in that particular piconet. The device (10) can then contact the devices (12, 14, 16) and determine whether the missing item 18 is presently part of their piconet, and hence can locate the missing item if it is present in one of their piconets. The device may also geostamp its activity records and/or be aware of its geographical position.







DOCKET A L A R M Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

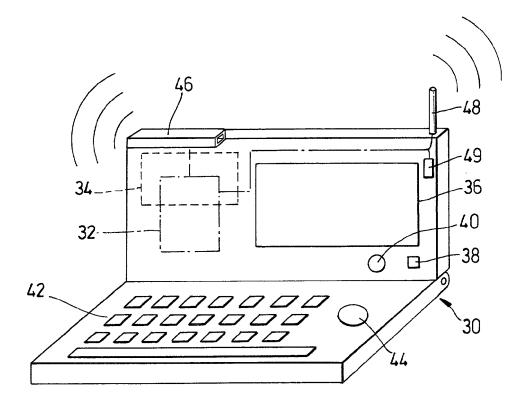
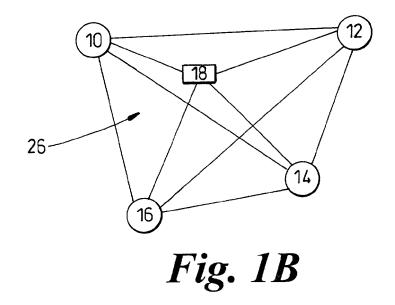
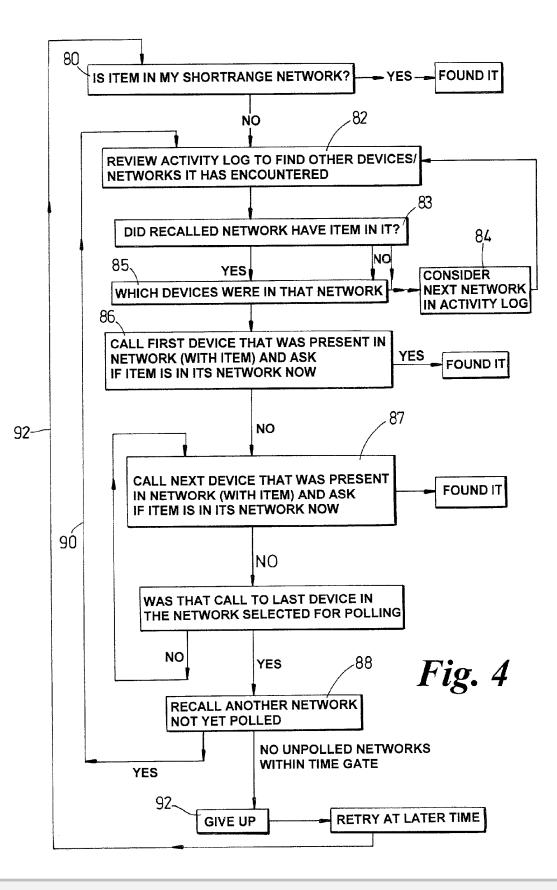


Fig. 2





	40		
_	<u>}</u>		
	TIME	DEVICES IN NETWORK	LOCATION
50	9.00 21.05.01	XP260; XP261; H630; Q4362; A900; GI; PC100	6752.3241
52	9.10 21.05.01	XP260; XP261;H630;Q4362;A900;H777;GI;PC100	6752.3241
54	9.50 21.05.01	XP260; XP261; S428; GI; PC100	6752,3241
56 — –	11.30 21.05.01	XP260;XP261;GI;PC100	6752.3241
58——	11.40 21.05.01	XP260; XP261; C-1000; GI	6752.3242
60	11.50 21.05.01	XP260;XP261;C-1000;GI	6780.3290
62	12.00 21.05.01	XP260;XP261;Q500	6781.3291
64	18.10 21.05.01	XP260;GI	6781.3291
66	18.40 21.05.01	XP260;C-1000	6801.3315
68	18.50 21.05.01	XP260	6801.3350
70	22.30 21.05.01	XP260	6801.3350

Fig. 5

DOCKET **A L A R M** Find authenticated court documents without watermarks at <u>docketalarm.com</u>.

DOCKET A L A R M



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.