



US006920431B2

(12) **United States Patent**  
**Showghi et al.**

(10) **Patent No.:** **US 6,920,431 B2**  
(45) **Date of Patent:** **Jul. 19, 2005**

(54) **REMOTE ORDERING SYSTEM AND METHOD**

(75) Inventors: **Robert S. Showghi**, San Diego, CA (US); **Scott Juds**, Seattle, WA (US)

(73) Assignee: **I3E Holdings, LLC**, San Diego, CA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 43 days.

(21) Appl. No.: **10/213,984**

(22) Filed: **Aug. 7, 2002**

(65) **Prior Publication Data**

US 2003/0050854 A1 Mar. 13, 2003

**Related U.S. Application Data**

(63) Continuation of application No. 09/857,509, filed as application No. PCT/US00/11337 on Apr. 27, 2000, now Pat. No. 6,473,739.

(60) Provisional application No. 60/131,119, filed on Apr. 27, 1999.

(51) **Int. Cl.**<sup>7</sup> ..... **G06F 17/60**

(52) **U.S. Cl.** ..... **705/26; 705/15**

(58) **Field of Search** ..... **705/26, 27**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,415,065 A	11/1983	Sandstedt	186/39
4,530,067 A	7/1985	Dorr	364/900
4,553,222 A	11/1985	Kurland et al.	364/900
4,569,421 A	2/1986	Sandstedt	186/39
5,198,976 A	3/1993	Form et al.	364/410
5,235,509 A	8/1993	Mueller et al.	364/405
5,504,589 A	4/1996	Montague et al.	358/403
5,664,110 A	9/1997	Green et al.	705/26
5,845,263 A	12/1998	Camisa et al.	705/27

5,889,268 A	*	3/1999	Swartz	235/385
5,912,743 A		6/1999	Kinebuchi et al.	358/442
5,914,671 A	*	6/1999	Tuttle	340/10.42
5,991,749 A	*	11/1999	Morrill, Jr.	705/44
6,208,976 B1		3/2001	Kinebuchi et al.	705/15
6,473,739 B1	*	10/2002	Showghi et al.	705/26
2001/0018660 A1	*	8/2001	Sehr	705/5
2002/0057298 A1	*	5/2002	Wassom et al.	345/825
2003/0078793 A1	*	4/2003	Toth	705/1

**FOREIGN PATENT DOCUMENTS**

JP 404169966 A \* 6/1992 ..... G06F/15/21

**OTHER PUBLICATIONS**

Cavanaugh, Susan "Football concessions score with upscale, classic items", Nation's Restaurant News, vol. 28, No. 35, Sep. 5, 1994.\*

Football Concessions Score with Upscale, Classic Items the Weekly Newspaper of the Food Service Industry vol. 28 Issue 35.

\* cited by examiner

*Primary Examiner*—Wynn W. Coggins

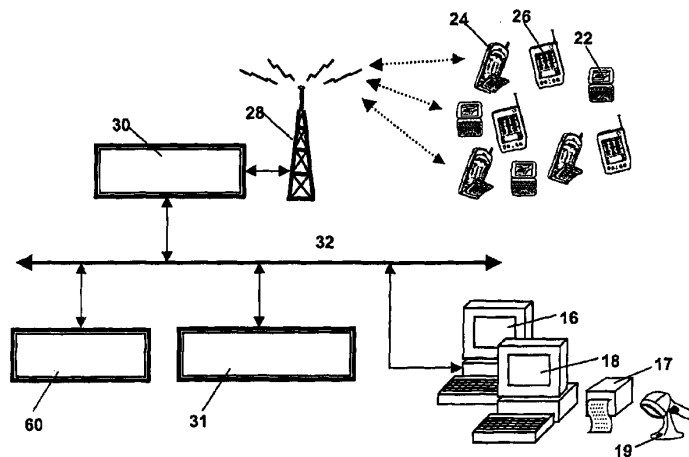
*Assistant Examiner*—Naeem Haq

(74) *Attorney, Agent, or Firm*—David A. Greenlee

(57) **ABSTRACT**

A system and method for enabling patrons at large venues, such as spectator venues, convention halls, or airports, which have identifiable delivery locations, to utilize handheld, wireless communication devices to self-order food, drink, souvenir items or services from remote order fulfillment locations within the venue for delivery to the identified delivery locations. Verification of available service level is provided. Hierarchical menus can be provided for visual display or audible presentation of items or services for purchase on the devices, or for presenting other information. A delivery location identification code is provided with the order, which is acknowledged. Automatic electronic payment for the order occurs by prearranged means.

**26 Claims, 10 Drawing Sheets**



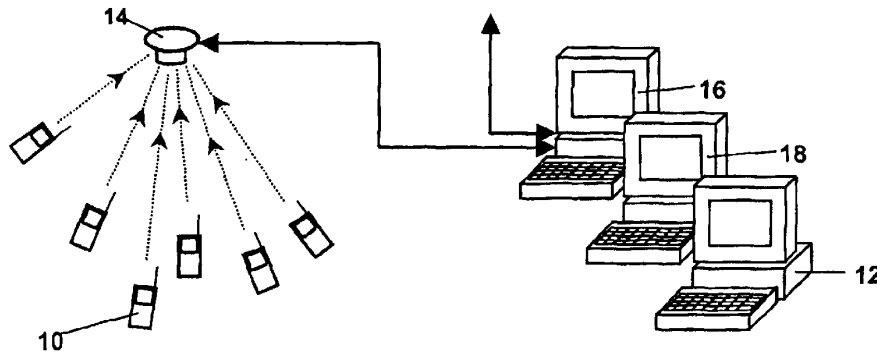


Fig. 1

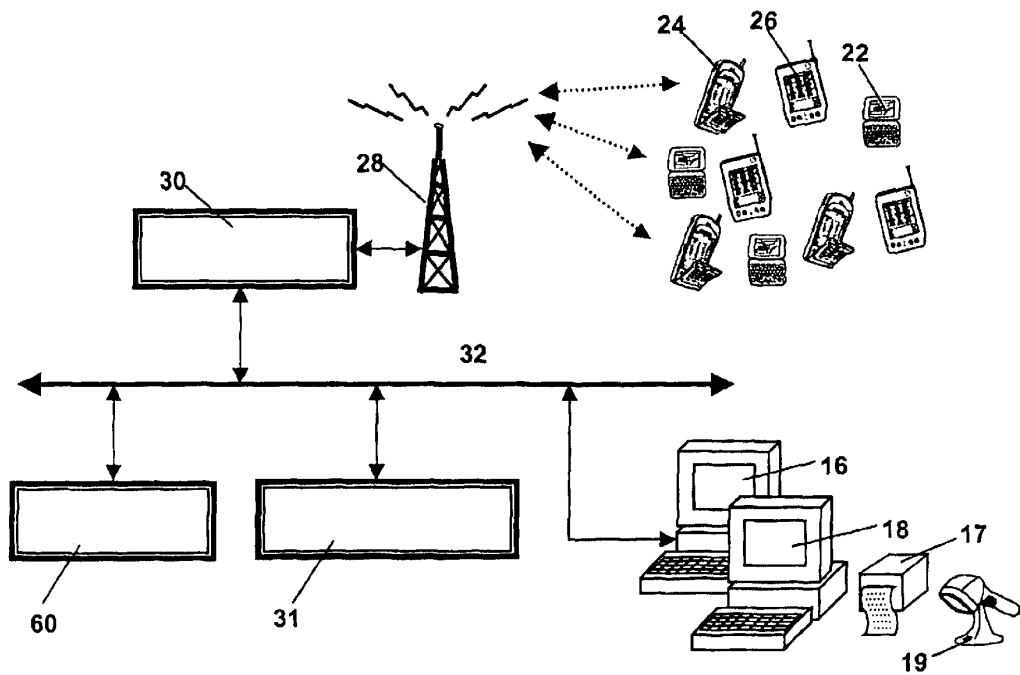
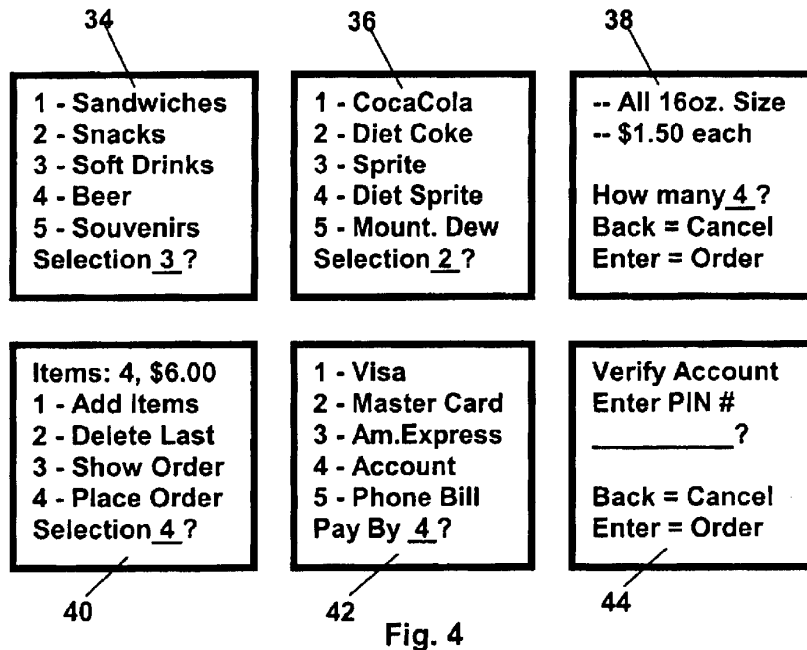
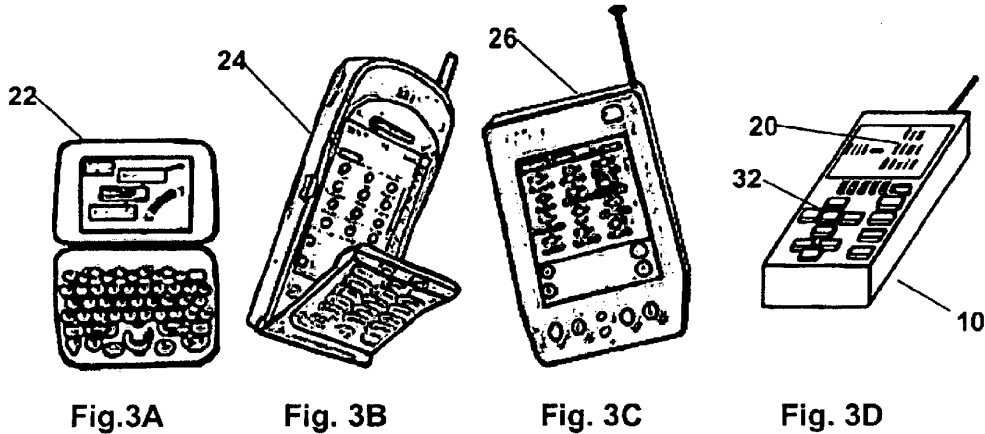


Fig. 2



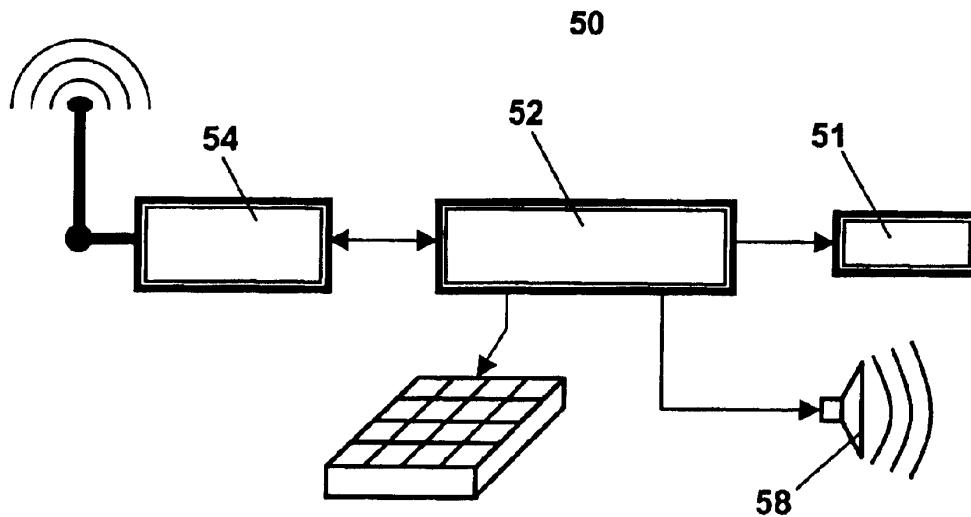


Fig. 5

KingDome  
Seattle, WA  
Enter Location?  
Section: 10  
Row: 17  
Seat: 9

Fig. 6A

Please Confirm  
KingDome  
Section: 10  
Row: 17  
Seat: 9  
 Yes  No

Fig. 6B

County Stadium Seating Sections		
	First Section	Last Section
Floor level sections	10	12
First level sections	100	118
Second level sections	200	222
Third level sections	300	328

Section 202 Seating Layout		Menu B
Row Number	First Seat	Last Seat
A	1	22
B	1	22
C	1	22
D	1	21
E	1	21
F	1	21
G	1	21
H	1	20
I	6	20
J	6	20
K	6	20

Section 203 Seating Layout		Menu C
Row Number	First Seat	Last Seat
A	1	22
B	1	22
C	1	22
D	1	21
E	1	21
F	1	21
G	1	21
H	1	20
I	6	20
J	6	20
K	6	20

Fig. 7A

# 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.