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

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- (54) **INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM WITH MENU GENERATION**
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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 706 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **10/015,729**

(22) Filed: **Nov. 1, 2001**

Related U.S. Application Data

(63) Continuation of application No. 09/400,413, filed on Sep. 21, 1999, now Pat. No. 6,384,850.

(51) **Int. Cl.**⁷ **G06F 3/00**

(52) **U.S. Cl.** **715/810; 715/841**

(58) **Field of Search** 715/810, 841,
715/765, 781; 705/26, 27, 37

(57) **ABSTRACT**

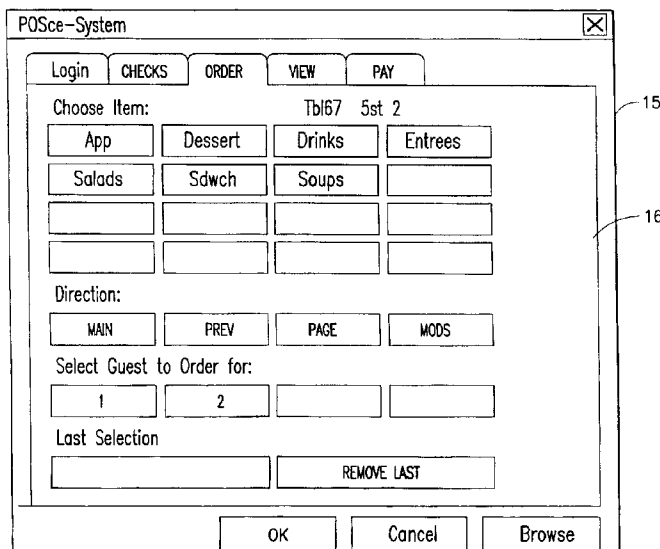
An information management and synchronous communications system and method facilitates database equilibrium and synchronization with wired, wireless and Web-based systems, user-friendly and efficient generation of computerized menus and reservations for restaurant and other applications that utilize equipment with nonstandard graphical formats, display size and application for use in remote data entry, information management and communication with host computer, digital input device or remote pager via standard hardwired connection, the internet, a wireless link.

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15 Claims, 6 Drawing Sheets



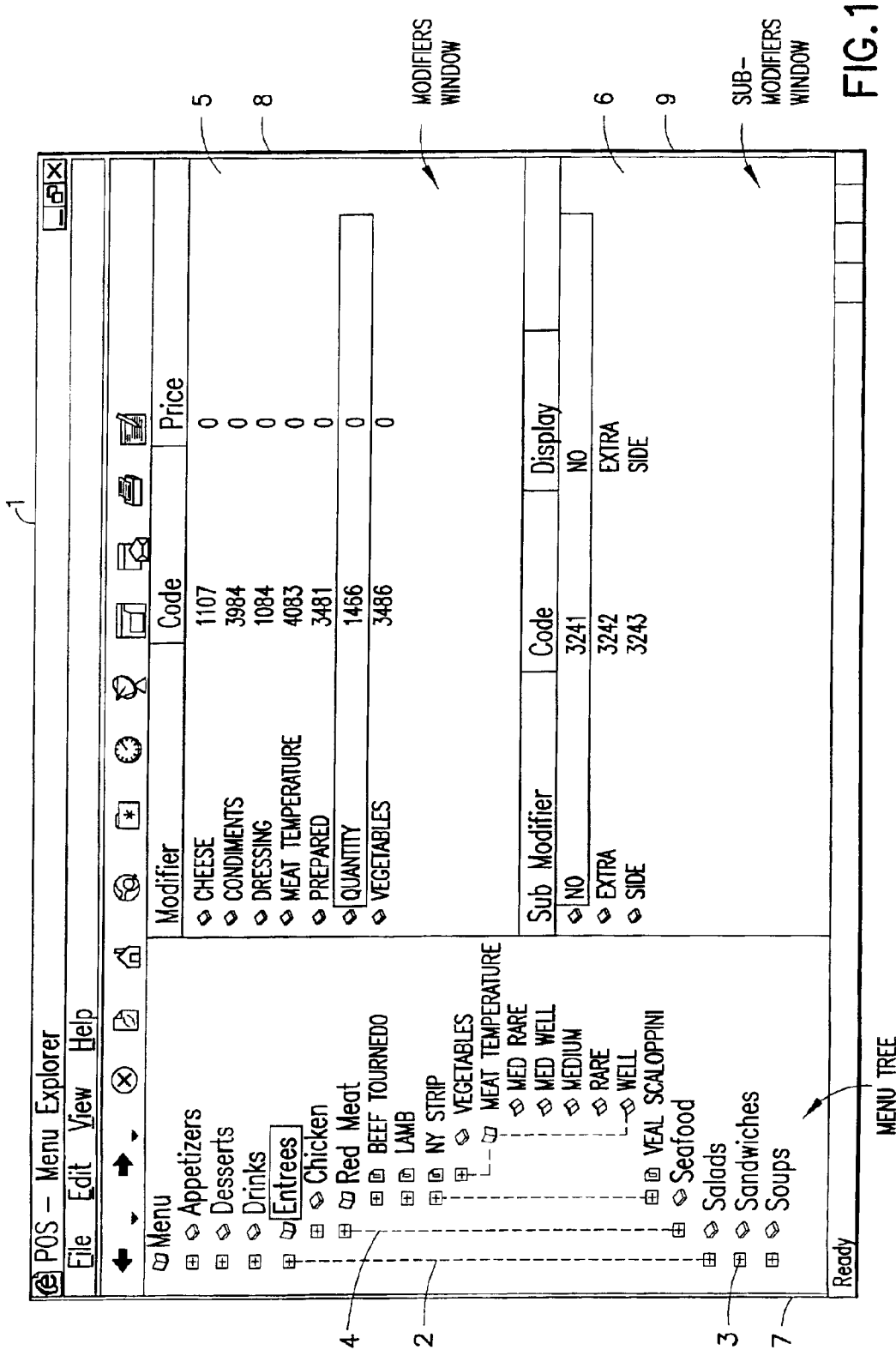


FIG. 1

The 'Modifier' dialog box (10) features a title bar with a close button (X). It contains four input fields: 'Long Name', 'Short Name', 'Code', and 'Price'. The 'Price' field is pre-filled with the number '0'. At the bottom, there are three buttons: 'OK', 'Cancel', and 'Browse'.

FIG.2

The 'Menu Category' dialog box (11) features a title bar with a close button (X). It contains two input fields: 'Long Name' and 'Short Name'. At the bottom, there are three buttons: 'OK', 'Cancel', and 'Browse'.

FIG.3

Menu Item

Long Name:
Chicken Alaska

Code:
5612

Short Name:
ChxAls

Price:
12.95

Prep. Time:
12

Recipe
Flame broiled brandy marinated Tender Chicken Breast topped with a creamy cilantro sauce. Served with steamed broccoli, carrots and zucchini.
Spices include lemon pepper, paprika, ginger.

OK Cancel Browse

12

FIG. 4

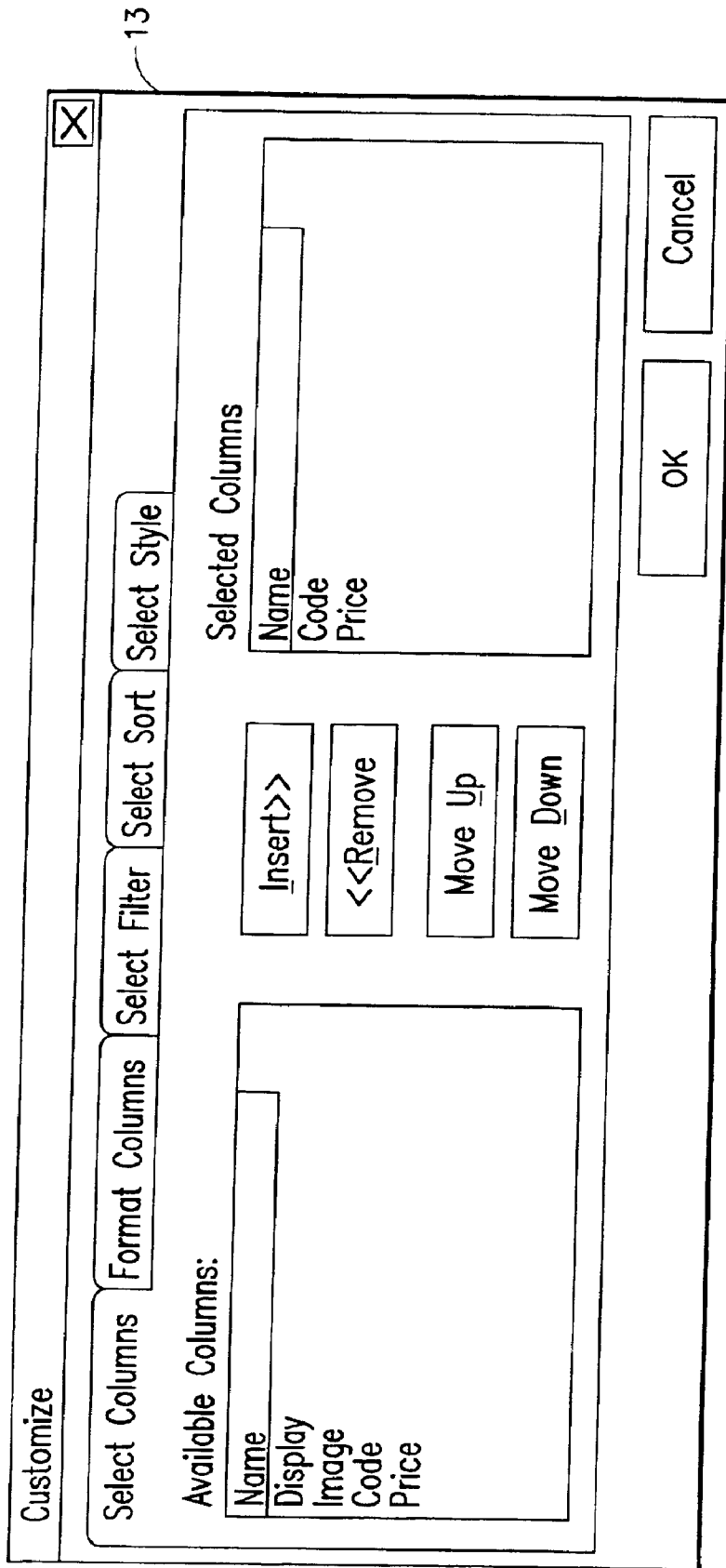


FIG. 5

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