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McNally et al.

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(54) **INFORMATION MANAGEMENT AND
 SYNCHRONOUS COMMUNICATIONS
 SYSTEM WITH MENU GENERATION**

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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

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(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.

15 Claims, 6 Drawing Sheets

The screenshot shows a software interface titled "POSce-System". At the top are five tabs: "Login", "CHECKS", "ORDER", "VIEW", and "PAY". Below the tabs is a section labeled "Choose Item:" with a sub-label "Tbl67 5st 2". This section contains a 4x4 grid of buttons for food items: "App", "Dessert", "Drinks", "Entrees", "Salads", "Sdwch", "Soups", and several empty buttons. Below the grid is a "Direction:" section with four buttons: "MAIN", "PREV", "PAGE", and "MODS". Underneath is a "Select Guest to Order for:" section with three buttons labeled "1", "2", and an empty button. Below that is a "Last Selection" section with one empty button and a "REMOVE LAST" button. At the very bottom of the window are three buttons: "OK", "Cancel", and "Browse".

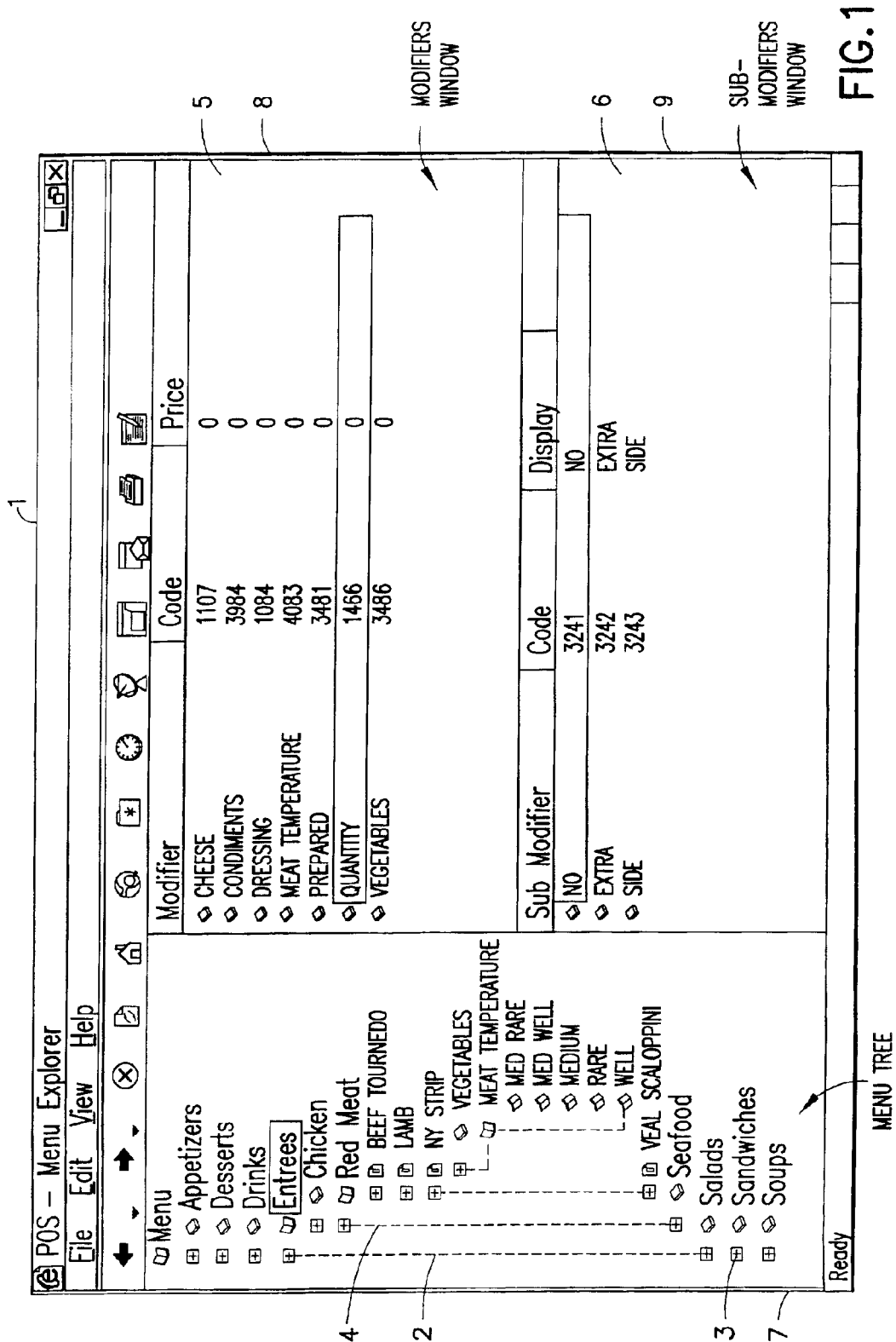
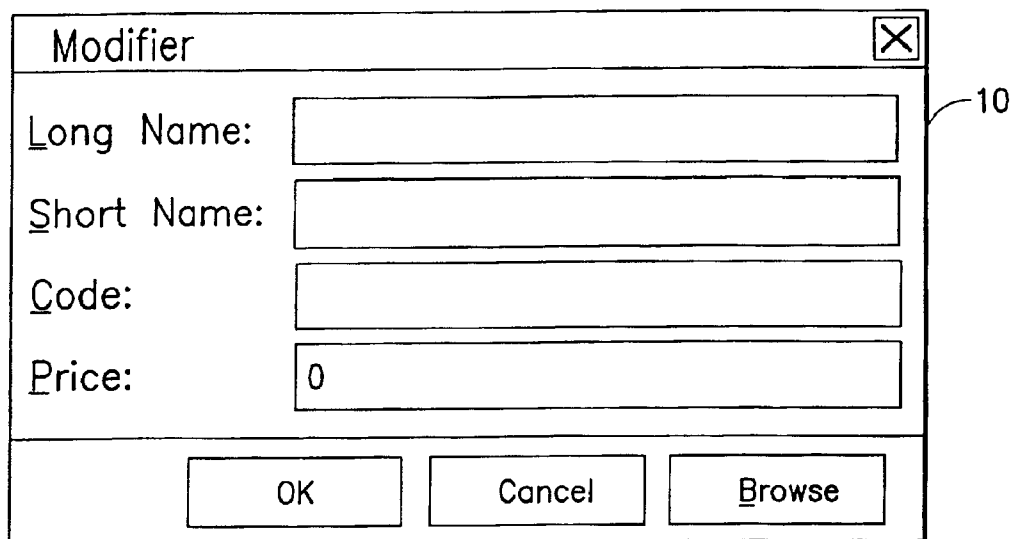
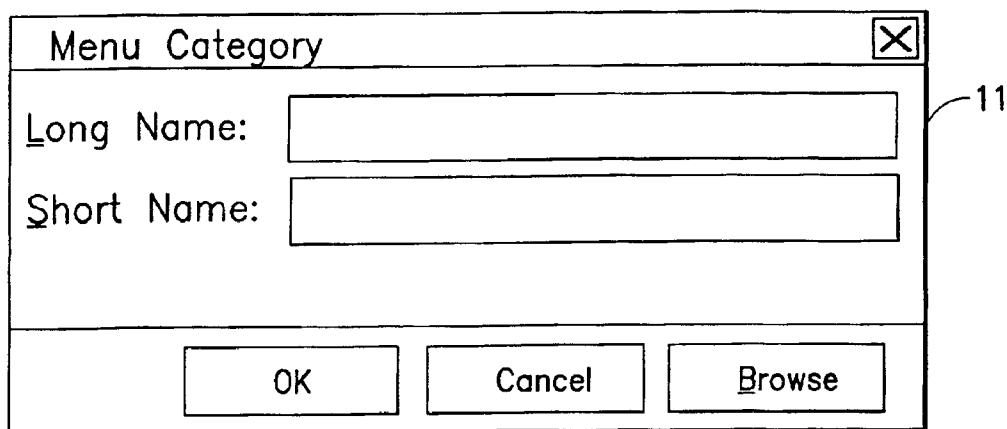


FIG. 1



A dialog box titled "Modifier" with a close button (X) in the top right corner. It contains four input fields: "Long Name:", "Short Name:", "Code:", and "Price:". The "Price:" field contains the value "0". At the bottom, there are three buttons: "OK", "Cancel", and "Browse". A reference numeral "10" points to the right side of the dialog box.

FIG. 2



A dialog box titled "Menu Category" with a close button (X) in the top right corner. It contains two input fields: "Long Name:" and "Short Name:". At the bottom, there are three buttons: "OK", "Cancel", and "Browse". A reference numeral "11" points to the right side of the dialog box.

FIG. 3

Menu Item X

Long Name: Code:

Short Name: Price: Prep. Time:

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

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FIG. 4

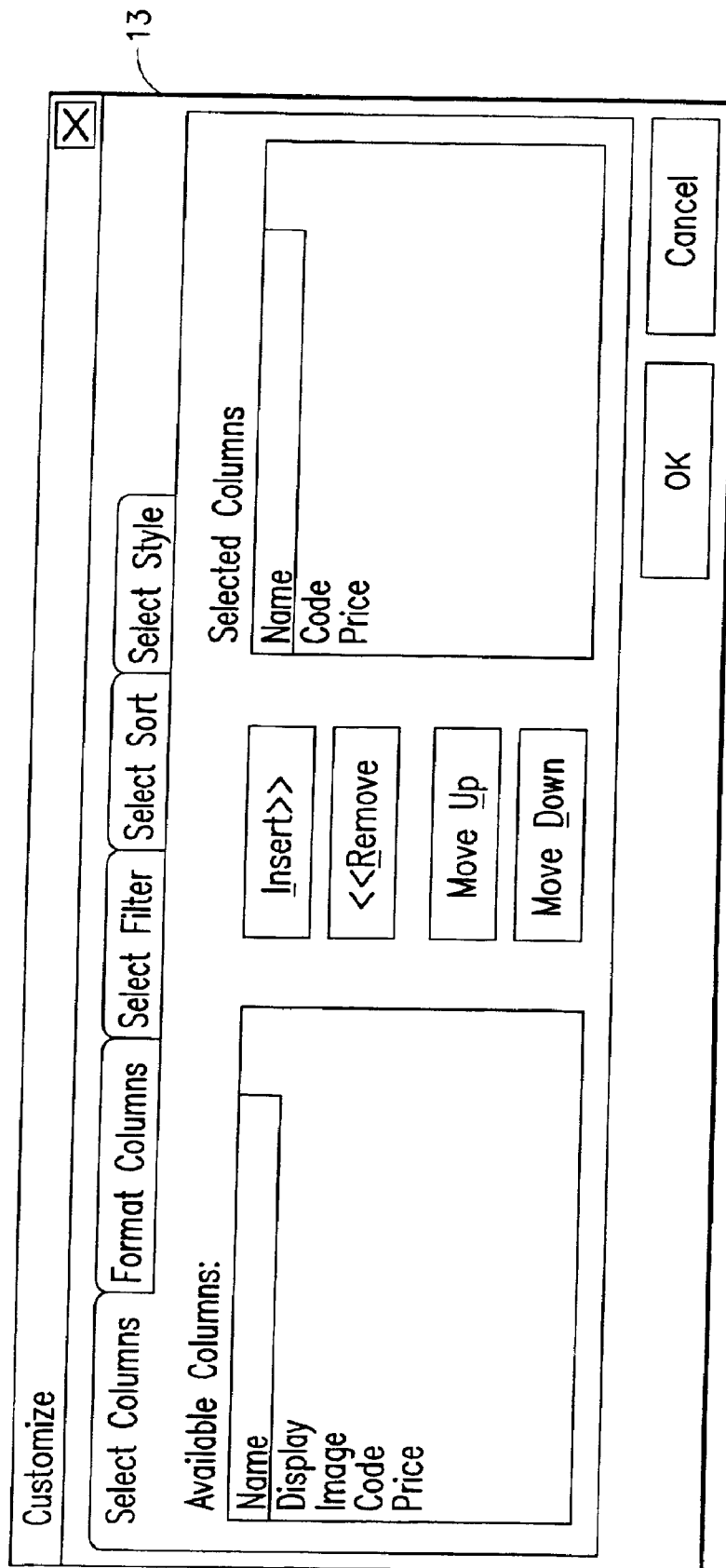


FIG. 5

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