



US006871325B1

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

(10) **Patent No.:** US 6,871,325 B1
(45) **Date of Patent:** *Mar. 22, 2005

- (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

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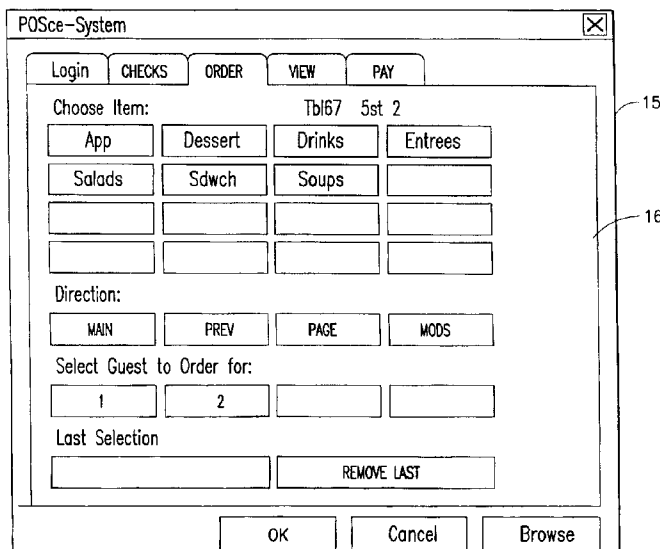
* cited by examiner

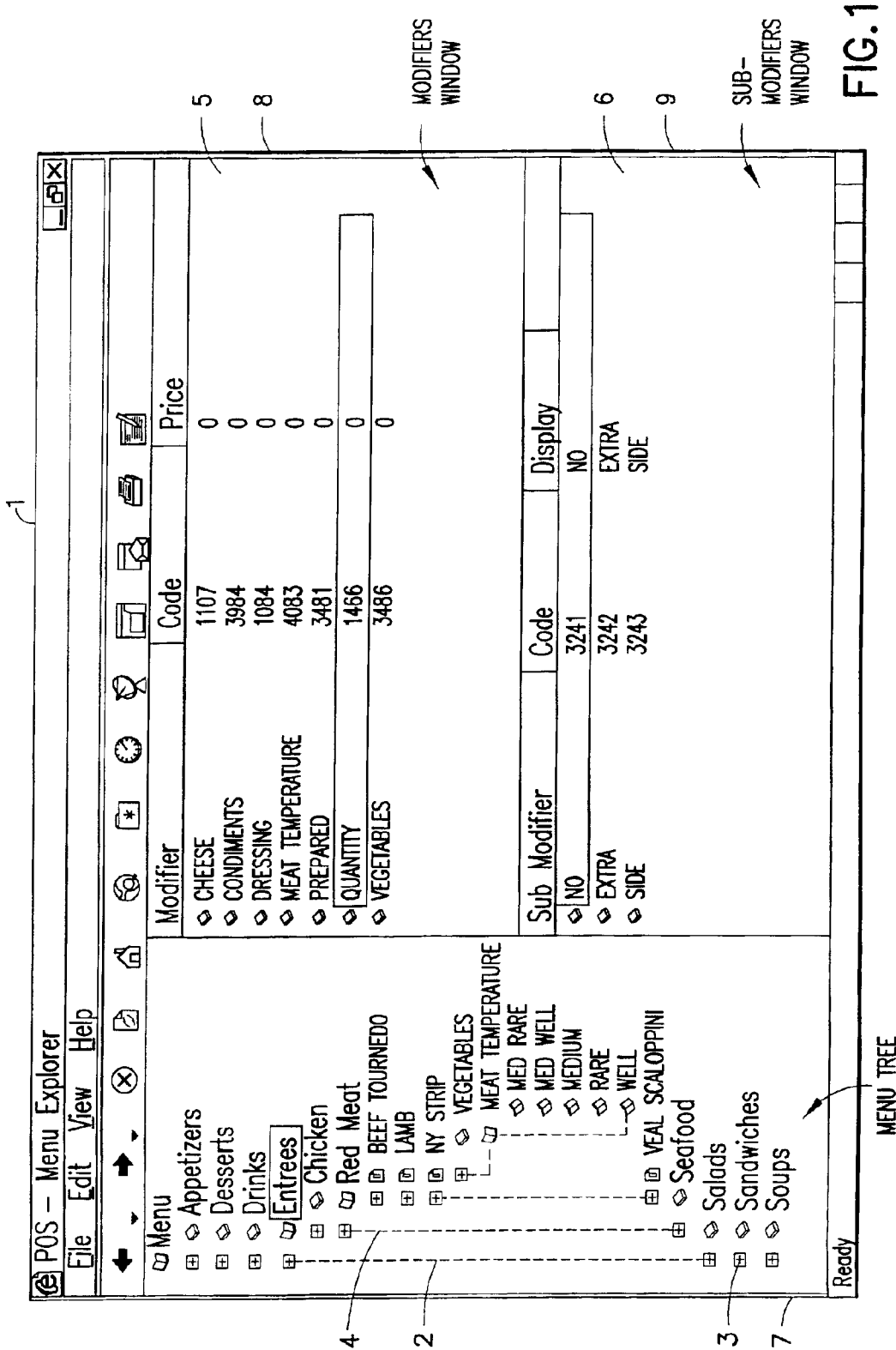
Primary Examiner—Cao (Kevin) Nguyen
(74) *Attorney, Agent, or Firm*—Morgan & Finnegan, LLP

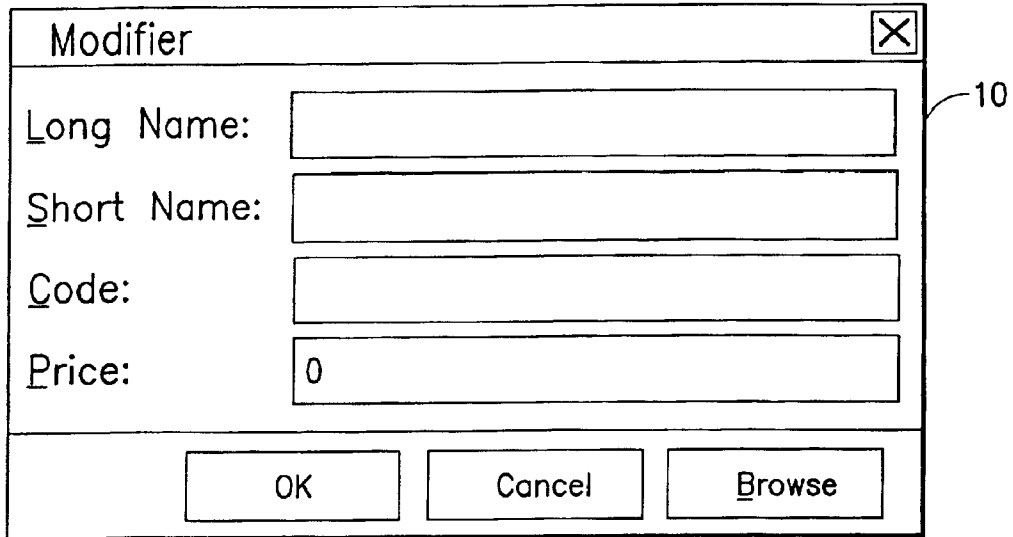
(57) **ABSTRACT**

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

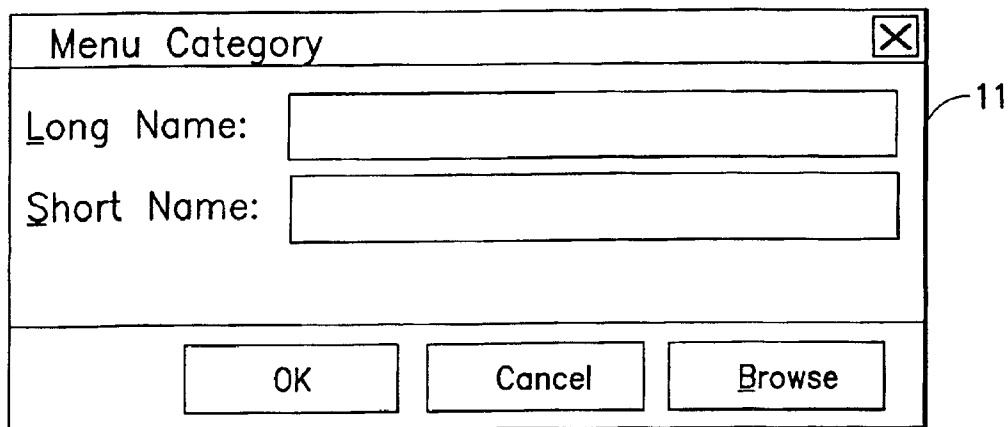






A dialog box titled "Modifier" with a close button (X) in the top right corner. It contains four input fields: "Long Name:", "Short Name:", "Code:", and "Price:". The "Price:" field contains the number "0". At the bottom, there are three buttons: "OK", "Cancel", and "Browse". A reference numeral "10"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

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

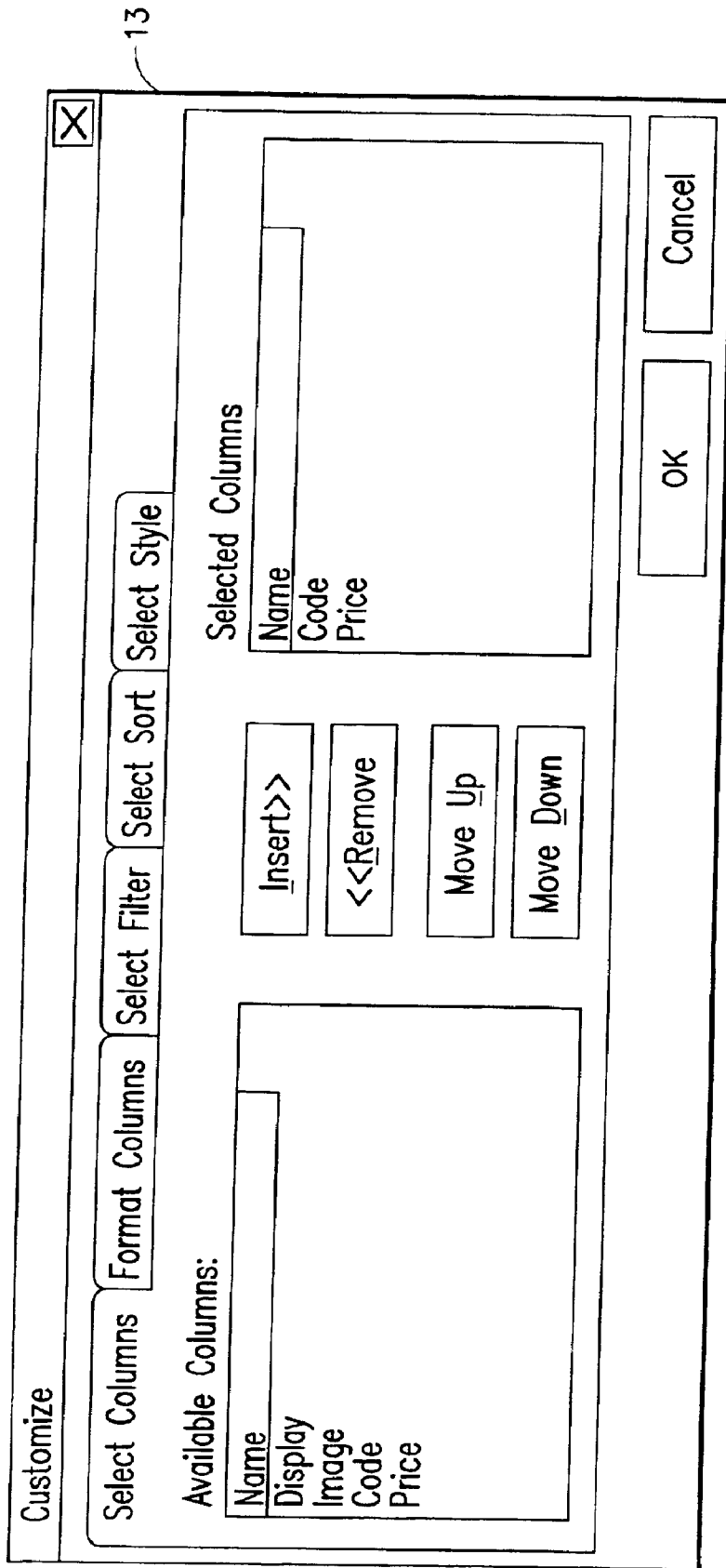


FIG. 5

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