

# EXHIBIT A



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(12) **United States Patent**  
**McNally**

(10) **Patent No.:** **US 11,276,130 B2**

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(54) **INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM**

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(71) Applicant: **Ameranth, Inc.**, San Diego, CA (US)

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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 0 days.

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(57) **ABSTRACT**

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(65) **Prior Publication Data**

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**Related U.S. Application Data**

(63) Continuation of application No. 15/688,198, filed on Aug. 28, 2017, now Pat. No. 10,970,797, which is a (Continued)

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 with handwritten/voice modifications for restaurants and other applications that utilize equipment with nonstandard graphical formats, display sizes and/or applications 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, printer, or the like. Various operations employing automated telephone calls and/or messaging may, for instance, be performed. For example, desired reservation and/or appointment information may be automatically converted and conveyed to one or more entities via automated telephone call and/or messaging. As another example, information regarding reservation acceptability may be received and automatically converted via automated telephone can and/or messaging. Telephones may, for instance, be the only equipment required by the entities.

(51) **Int. Cl.**

**G06Q 50/12** (2012.01)  
**G06Q 10/02** (2012.01)  
(Continued)

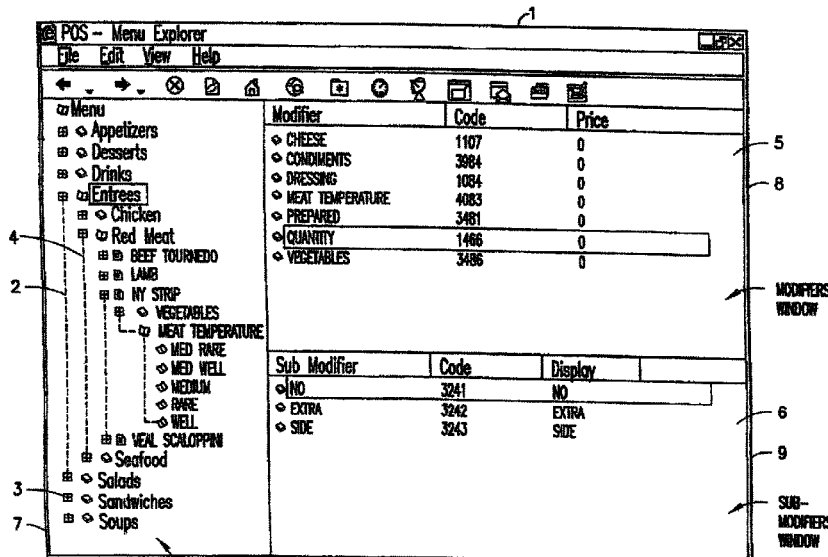
(52) **U.S. Cl.**

CPC ..... **G06Q 50/12** (2013.01); **G06Q 10/02** (2013.01); **G06Q 30/0621** (2013.01);  
(Continued)

(58) **Field of Classification Search**

CPC ..... G06Q 50/12; G06Q 10/02  
(Continued)

**3 Claims, 9 Drawing Sheets**



**Related U.S. Application Data**

continuation of application No. 14/276,948, filed on May 13, 2014, now Pat. No. 9,747,651, which is a continuation of application No. 14/265,519, filed on Apr. 30, 2014, now abandoned, which is a continuation of application No. 11/190,633, filed on Jul. 26, 2005, now Pat. No. 9,009,060.

(51) **Int. Cl.**

**H04M 3/493** (2006.01)  
**H04W 99/00** (2009.01)  
**G06Q 30/06** (2012.01)  
**H04L 29/06** (2006.01)  
**H04W 4/00** (2018.01)  
**H04W 88/02** (2009.01)

(52) **U.S. Cl.**

CPC ..... **G06Q 30/0623** (2013.01); **G06Q 30/0641** (2013.01); **G06Q 30/0643** (2013.01); **H04L 63/083** (2013.01); **H04M 3/4938** (2013.01); **H04W 99/00** (2013.01); **H04M 2201/60** (2013.01); **H04M 2203/1058** (2013.01); **H04M 2203/2016** (2013.01); **H04W 4/00** (2013.01); **H04W 88/02** (2013.01)

(58) **Field of Classification Search**

USPC ..... 705/15  
 See application file for complete search history.

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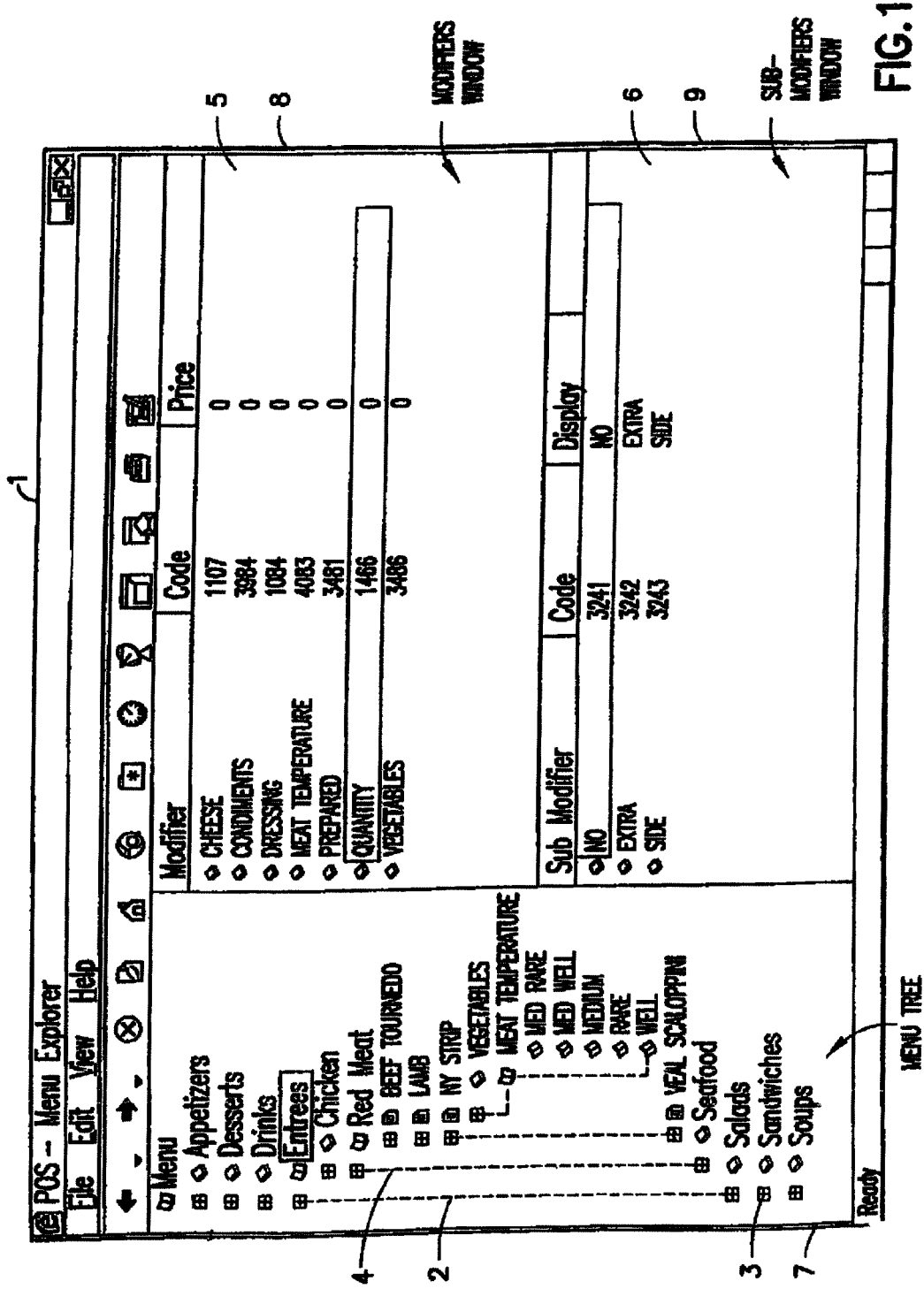
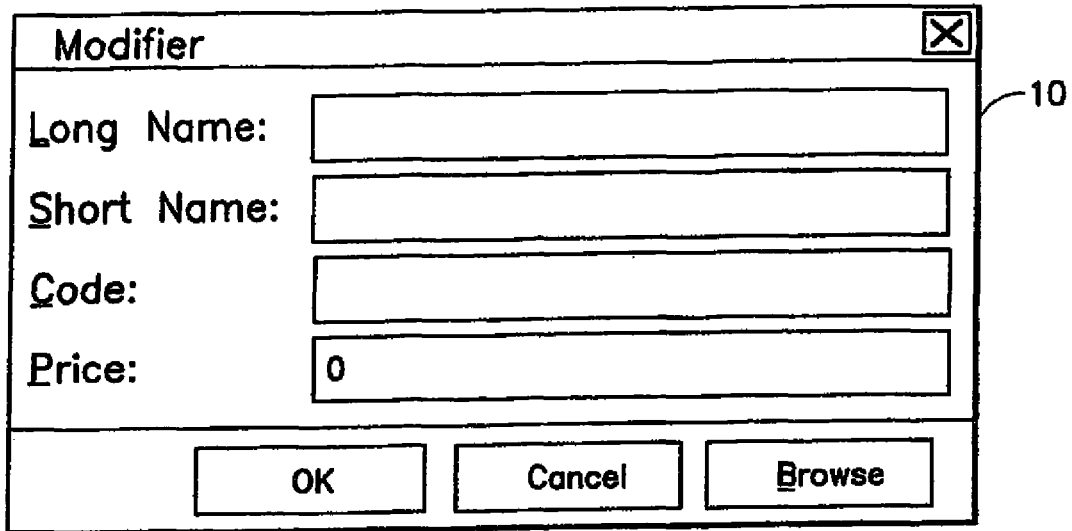
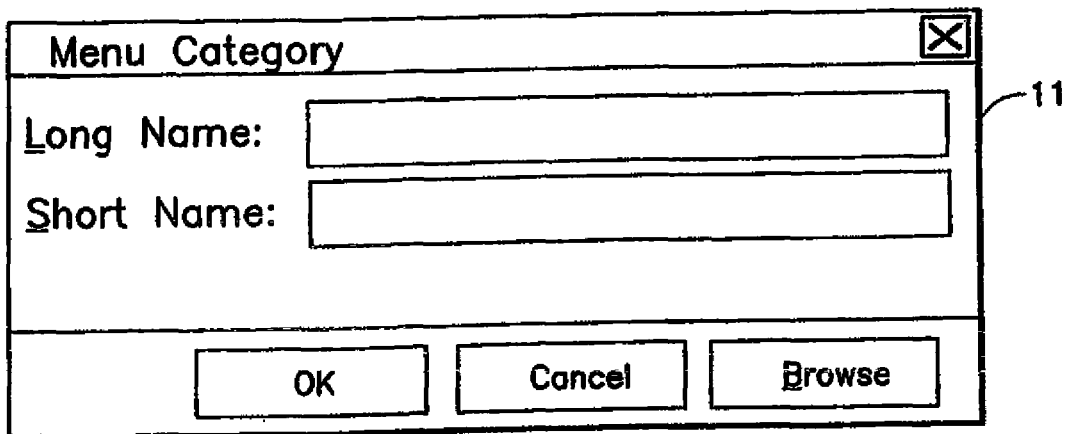


FIG. 1



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 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

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