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McNally et al.

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(45) **Date of Patent:** **Mar. 27, 2012**

(54) **INFORMATION MANAGEMENT AND SYNCHRONOUS COMMUNICATIONS SYSTEM WITH MENU GENERATION, AND HANDWRITING AND VOICE MODIFICATION OF ORDERS**

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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 1535 days.

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(22) Filed: **Apr. 22, 2005**

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(65) **Prior Publication Data**

US 2005/0204308 A1 Sep. 15, 2005

Related U.S. Application Data

(63) Continuation of application No. 10/016,517, filed on Nov. 1, 2001, now Pat. No. 6,982,733, which is a continuation-in-part of application No. 09/400,413, filed on Sep. 21, 1999, now Pat. No. 6,384,850.

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(51) **Int. Cl.**
G06F 9/445 (2006.01)

ABSTRACT

(52) **U.S. Cl.** **717/177**; 717/102; 717/109; 717/111;
717/168; 717/174; 715/810; 715/828

(57) 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.

(58) **Field of Classification Search** 715/810-845
See application file for complete search history.

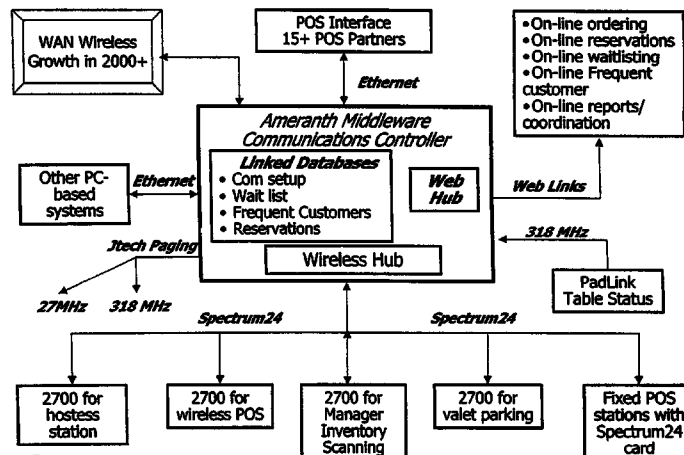
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18 Claims, 8 Drawing Sheets

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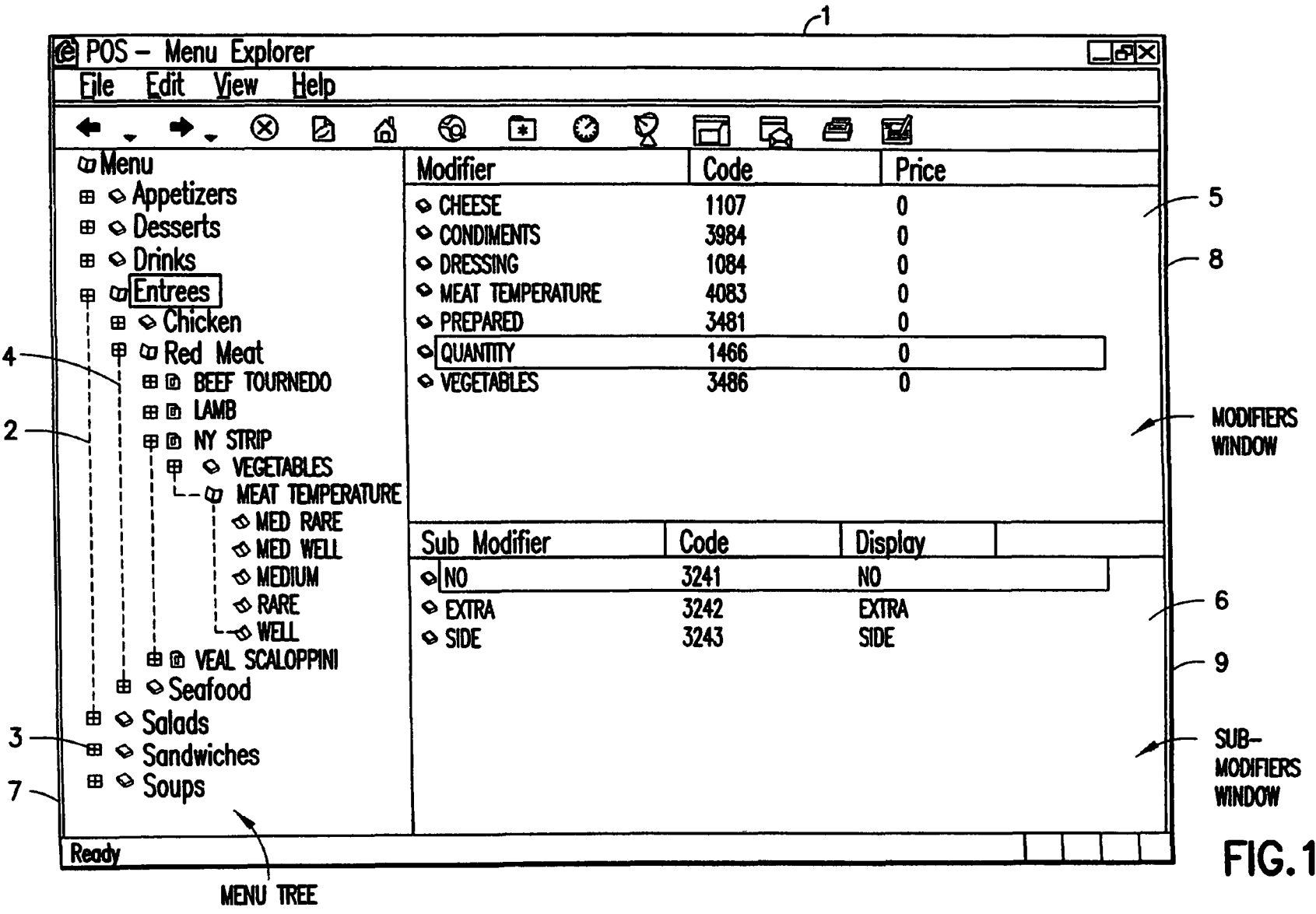


FIG. 1

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