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(54) **DIMENSIONAL DINING RESTAURANT MANAGEMENT SYSTEM**

(76) Inventor: **Helena B. Halverson**, 814 Pebble Creek Dr., St. Cloud, MN (US) 56303

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(52) **U.S. Cl.** **705/15**
(58) **Field of Search** 705/15

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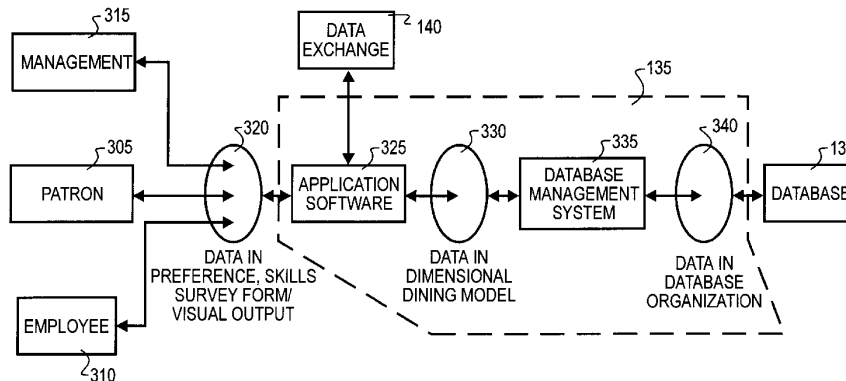"Concept Selection For Independent Restaurants" by Kieth L. Goldman, Cornell Hotel & Restaurant Quarterly vol. 34, No. 6, pp. 59–72, Dec. 1993.*
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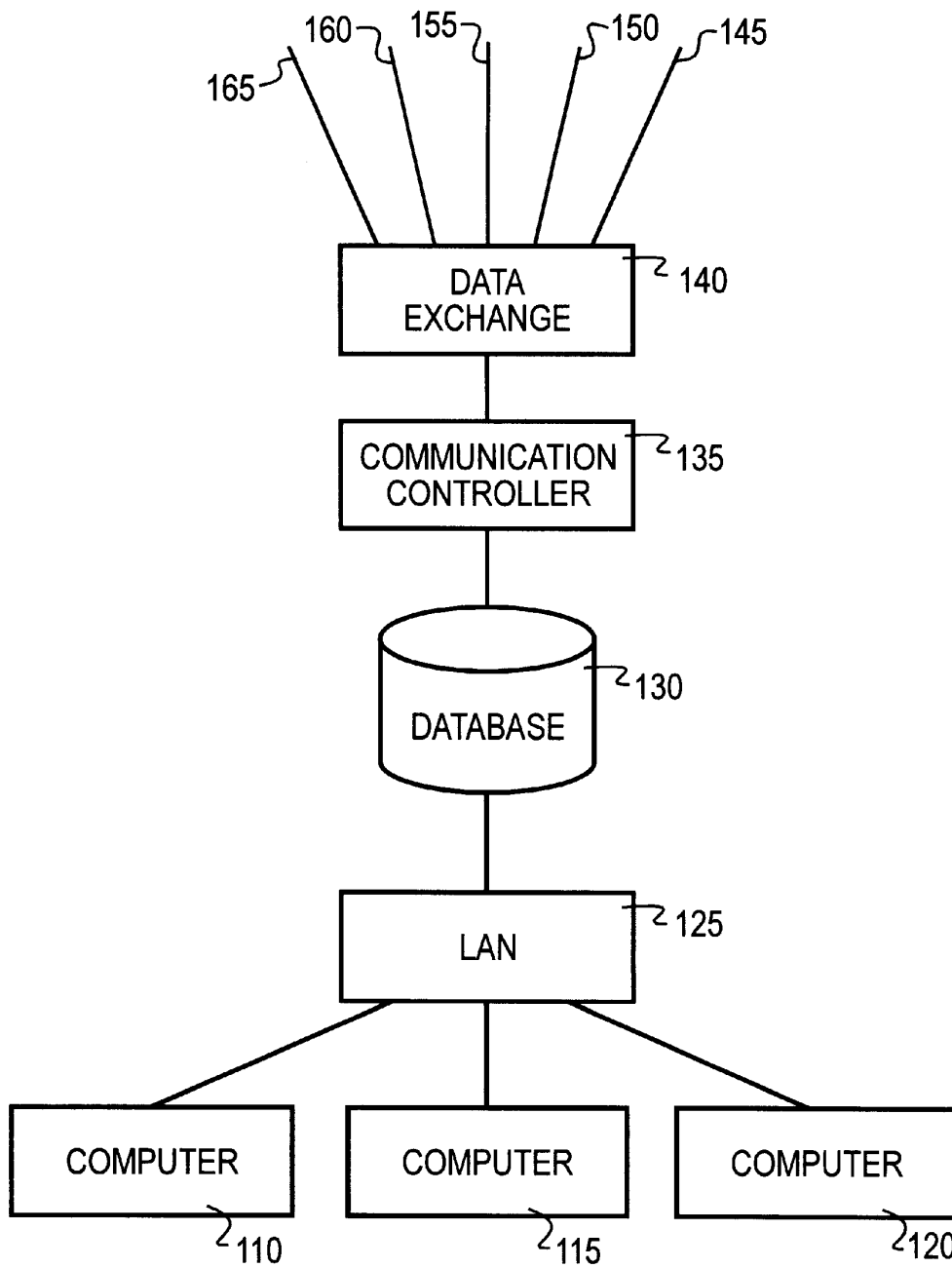
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(57) **ABSTRACT**

Apparatus and method for mass producing a unique dining experience for each individual diner within a group of patrons includes computers, applications software, models and databases. Through various alternative input mechanisms, each individual patron's preferences will be surveyed, and the results of the surveys are stored within the database. Staff and management of an establishment are also surveyed regarding various personal and facilities capabilities and assets. The preference surveys may be quite basic in nature, but with more detailed surveys a more elaborate model may be generated. Based upon the preference survey results, a dining event is developed that groups patrons according to areas of agreement among surveys, while simultaneously tailoring unique events or decor based upon the preference survey results that are not common among the patrons. The dining event is prepared for, including training of staff and management, and the dining event is then staged. During the event, an off-site person will most preferably provide monitor and provide feedback to the staff and management, and subsequent to the event further evaluation will occur. Based upon the event results and evaluation, the database and model may be updated. Electronic devices may form a part of the apparatus, and in this case will most preferably be controlled by computerized components to perform appropriately according to the stored model of the event. As a result of the differences in preferences, skills and assets of all participants, no two dining events will be identical. However, each dining event is designed and prepared according to pre-established models to fulfill each of the needs and expectations of each individual patron while simultaneously capitalizing on the strengths and talents of a staff and facility. Simultaneously, the managerial burden of maintaining a single atmosphere within an establishment is relieved, and patrons are offered unexpected, but consistently high-quality, dining experiences.

19 Claims, 15 Drawing Sheets

FIG. 1

FIG. 2

FIG. 3

DATABASE 130

DATA IN DATABASE ORGANIZATION 340

DATABASE MANAGEMENT SYSTEM 335

135

DATA IN DIMENSIONAL DINING MODEL 330

DATA EXCHANGE 140

APPLICATION SOFTWARE 325

DATA IN PREFERENCE, SKILLS SURVEY FORM/ VISUAL OUTPUT 320
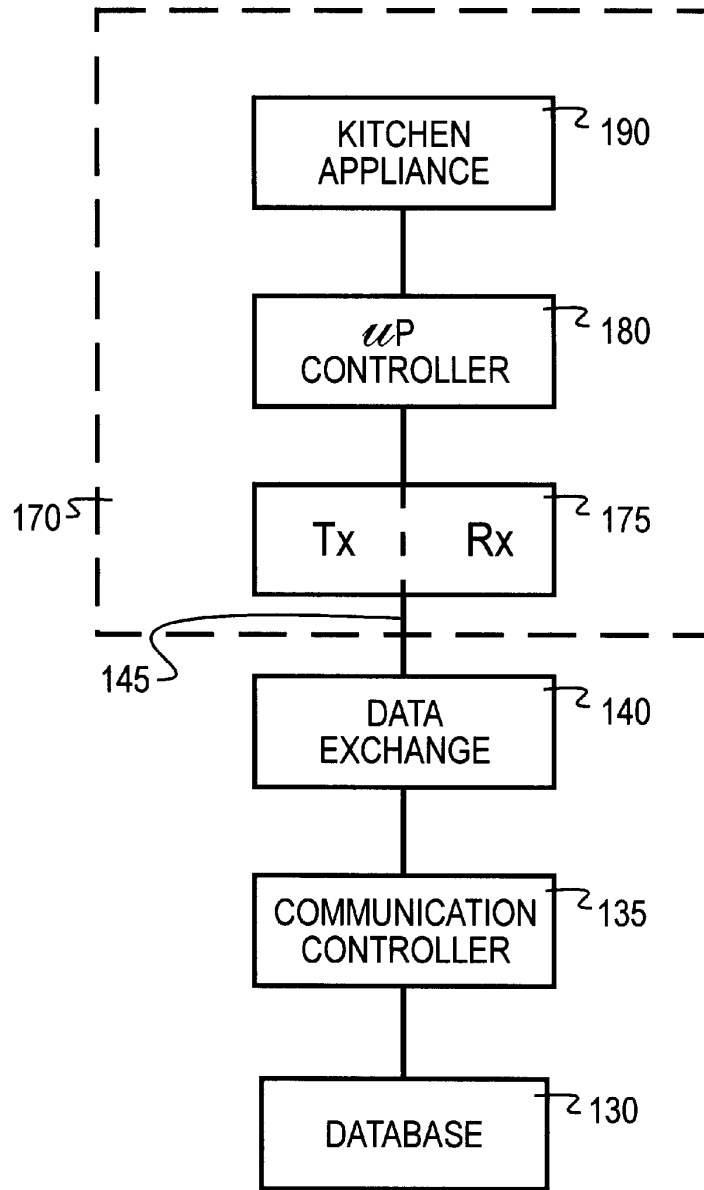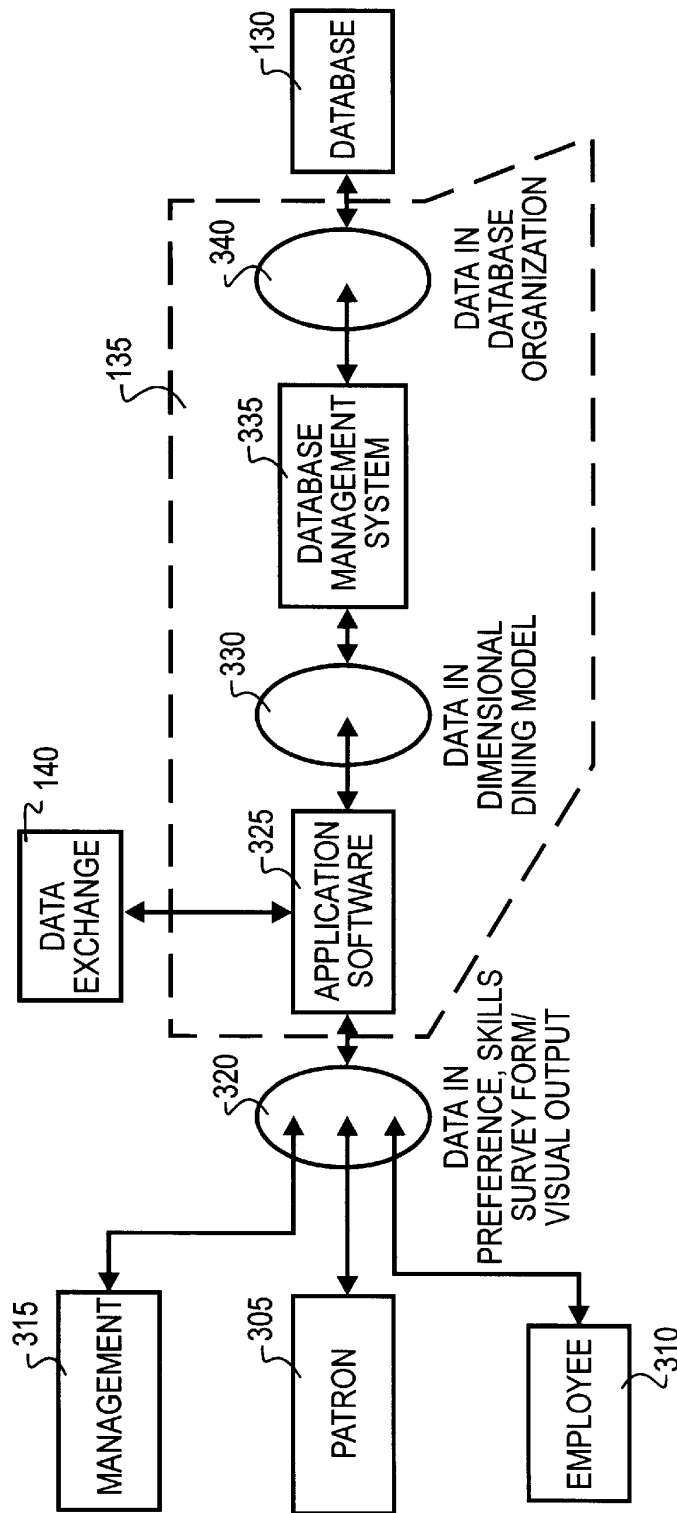
MANAGEMENT 315

PATRON 305

EMPLOYEE 310

FIG. 4

DOCKET ALARM
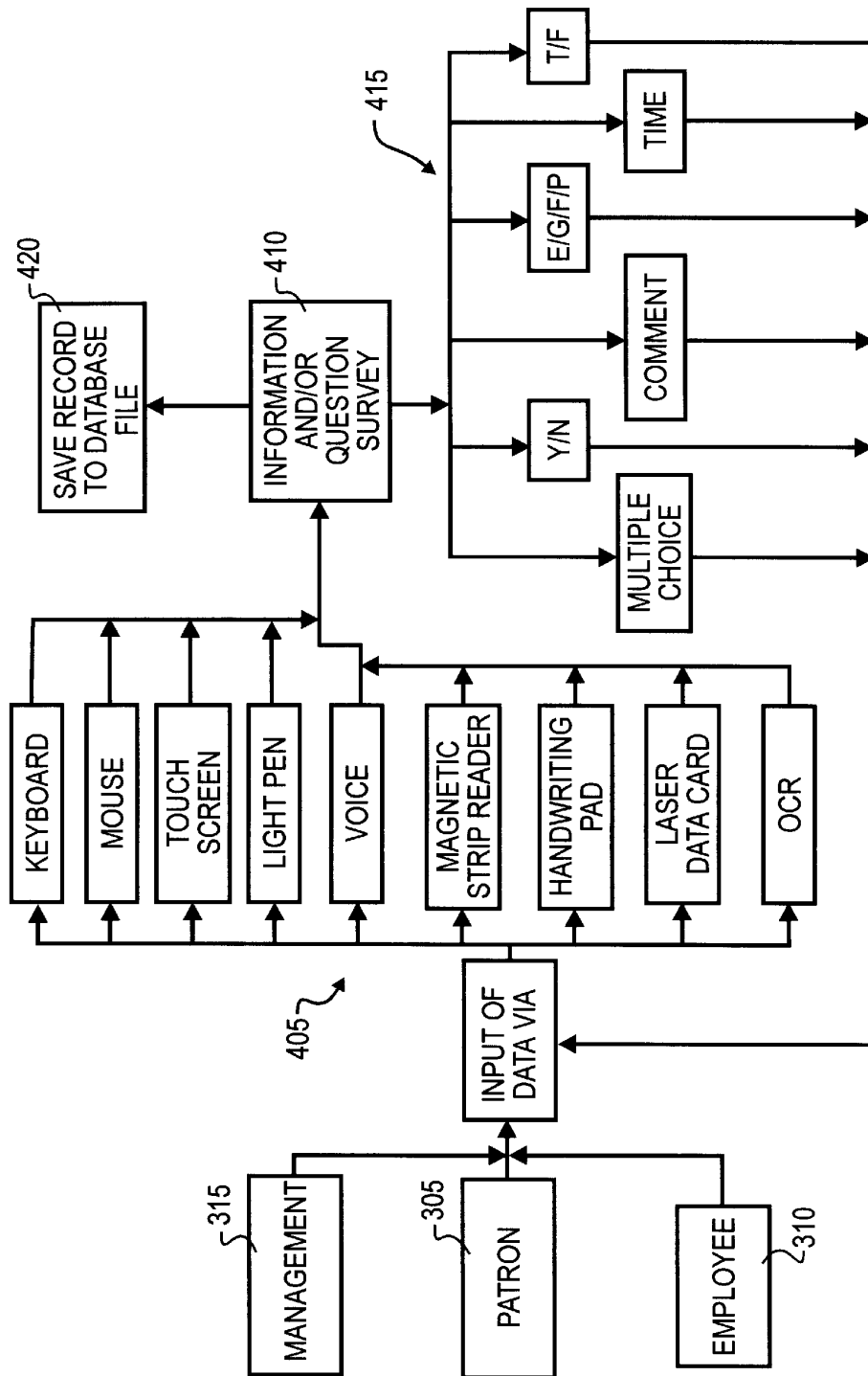
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