



- [54] SMART COMMERCIAL KITCHEN NETWORK
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- [21] Appl. No.: 643,207
- [22] Filed: May 2, 1996
- [51] Int. Cl.<sup>6</sup> ..... G05B 19/18
- [52] U.S. Cl. .... 705/1; 364/131; 364/400
- [58] Field of Search ..... 364/468.15, 479.06, 364/479.11, 479.14, 474.16, 474.19, 131, 400; 395/215, 230, 234; 705/1, 15

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 Attorney, Agent, or Firm—J. De La Rosa

[57] ABSTRACT

The present invention provides a bi-directional communication network which provides real-time computer-aided diagnostics, asset history, accounting records, maintenance records and energy management. Advantageously, such a network integrates the various work aspects of today's food service industry to insure the proper work allocation of administrative and repair tasks. The system includes a control center, a communication link to a point of sale system, a plurality of kitchen base stations, and a plurality of kitchen or cooking appliances located within a site or cell. Maintenance and repair, once initialized, are monitored through the control center having a database with the necessary software diagnostics, accounting records, inventory records, and maintenance records for the particular appliance under service so as to integrate the various aspects of accounting, billing, repair and energy management.

[56] References Cited

U.S. PATENT DOCUMENTS

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86 Claims, 9 Drawing Sheets

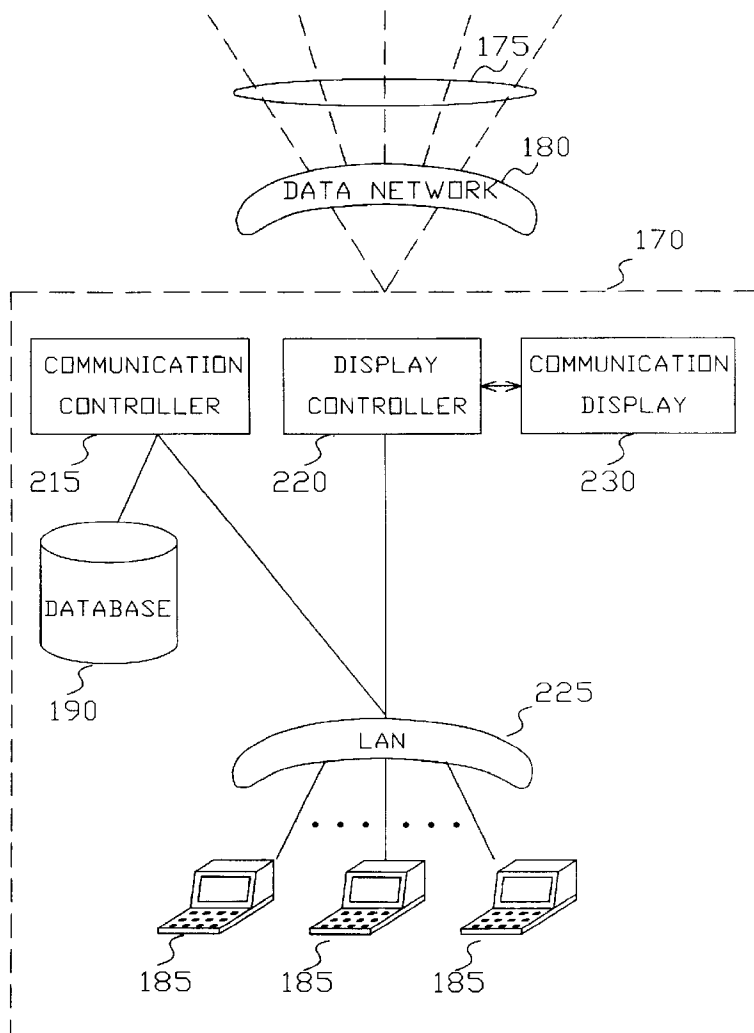


FIG. 1

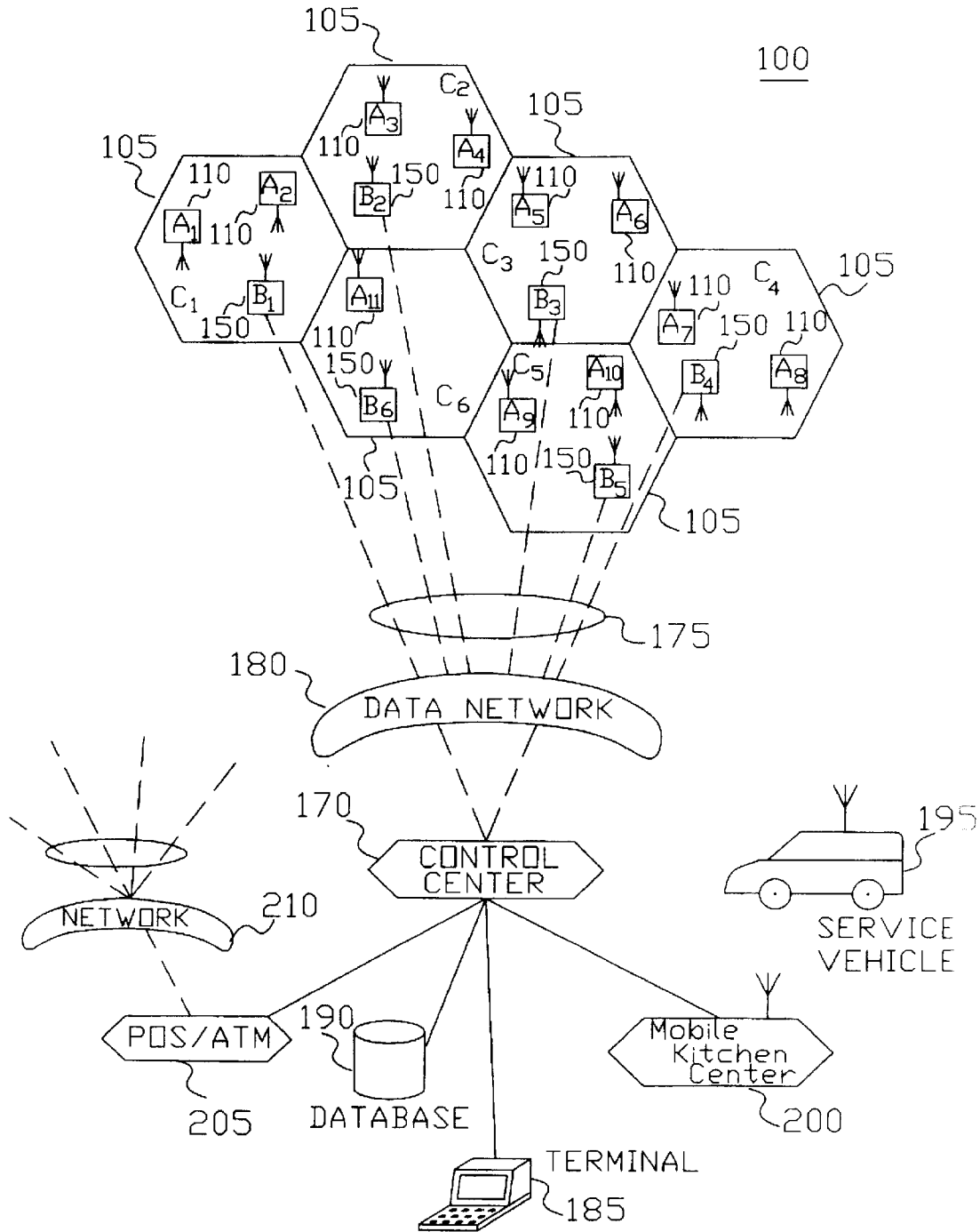


FIG. 2

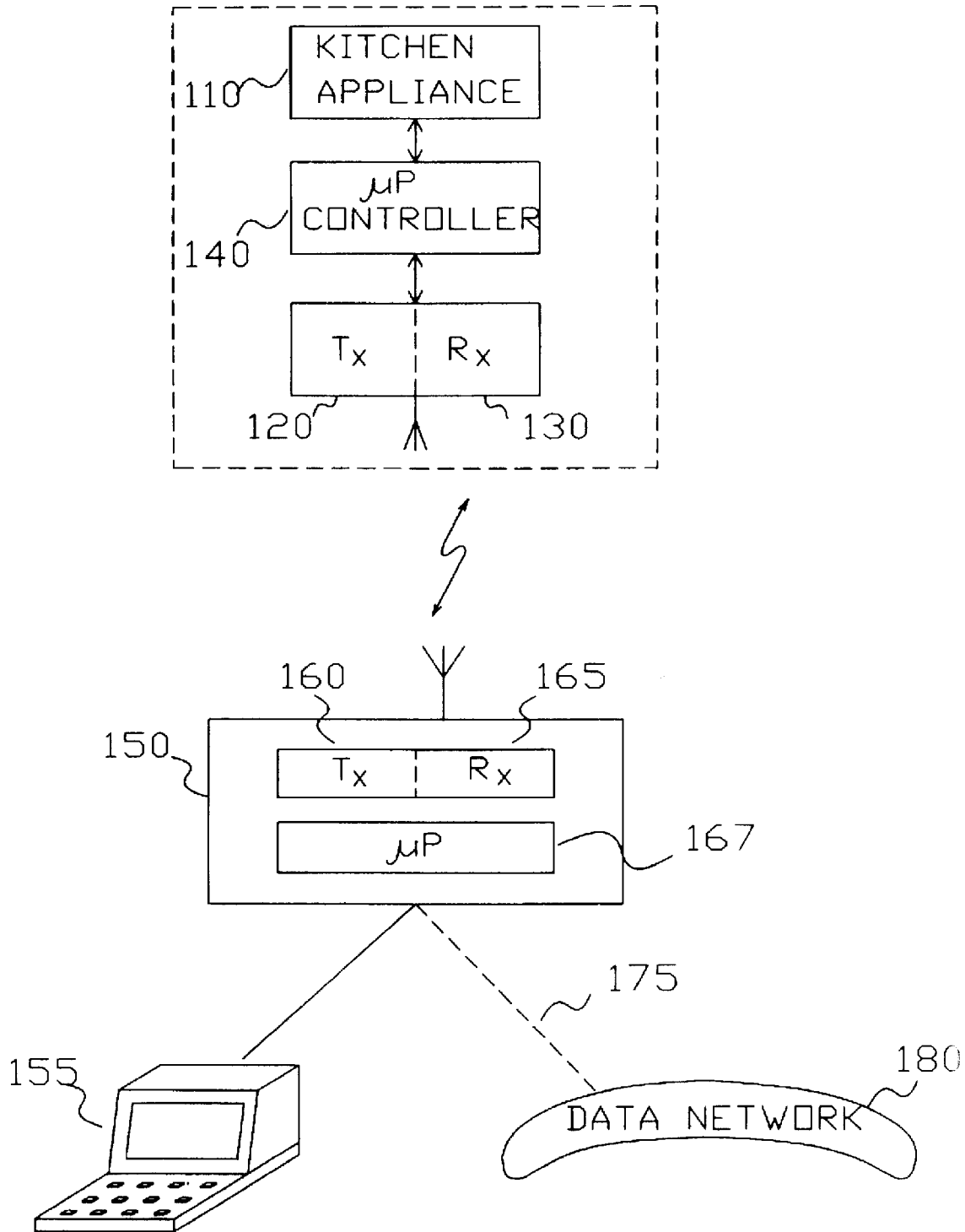


FIG. 3

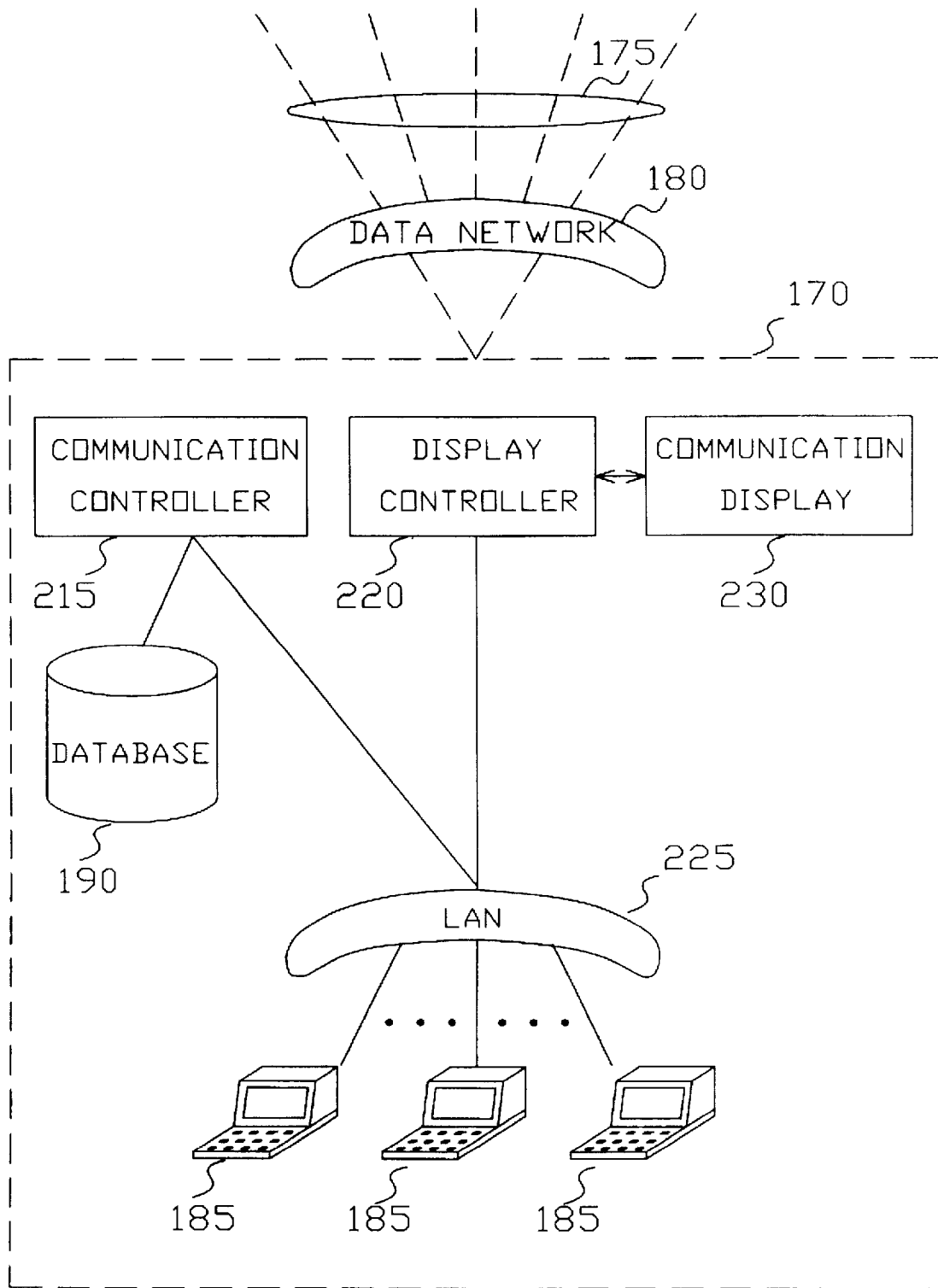




FIG. 4

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