

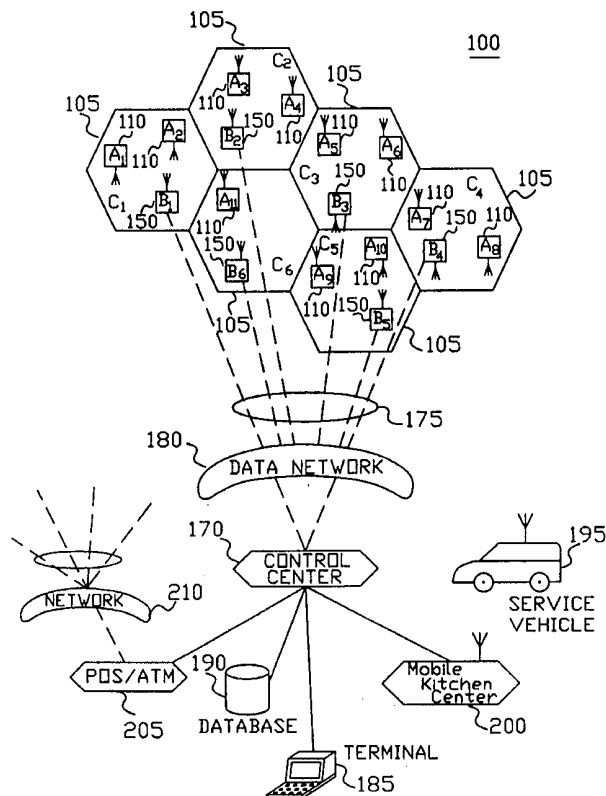


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(21) International Application Number: PCT/US97/07399 (22) International Filing Date: 2 May 1997 (02.05.97) (30) Priority Data: 08/643,207 2 May 1996 (02.05.96) US (71) Applicant: TECHNOLOGY LICENSING CORPORATION [US/US]; 4-A Turtle Creek Drive, Tequesta, FL 33469 (US). (72) Inventor: KOETHER, Bernard; 4-A Turtle Creek Drive, Tequesta, FL 33469 (US). (74) Agent: DE LA ROSA, John; Suite 2411, 67 Wall Street, New York, NY 10005 (US).		(81) Designated States: AU, CA, CN, JP, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 7 May 1998 (07.05.98)

(54) Title: SMART COMMERCIAL KITCHEN NETWORK**(57) Abstract**

The present invention provides a bi-directional communication network (180) 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 (170), a communication link to a point of sale system (205); a plurality of kitchen base stations (150), and a plurality of kitchen or cooking appliances (110) located within a site or cell (105). Maintenance and repair, once initialized, are monitored through the control center (170) having a database (190) 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.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US97/07399**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(6) :G07F 7/08; G06K 19/06; G06F 15/46; H05B 1/02

US CL :364/131, 364/474, 235/381

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 364/131, 364/474, 235/381, 705/1, 705/15, 705/30, 705/400

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

aps search

instruct, track, train, kitchen, stove, cook, fryer, restaurant, oven

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,812,963 A (ALBRECHT et al) 14 March 1989	1-86
A	US 4,390,953 A (JOHNSTONE) 28 June 1983	1-86
A	US 4,120,452 A (KIMURA et al) 17 October 1978	1-86

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 ☐ See patent family annex.

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