

[54] PROGRAMMABLE LOGIC CONTROLLER

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[73] Assignee: Square D Company, Palatine, Ill.

[\*\*] Term: 14 Years

[21] Appl. No.: 181,277

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[52] U.S. Cl. .... D13/162

[58] Field of Search ..... D13/12, 35, 40, 41, D13/99, 123, 162, 158, 184, 199; D14/100, 101, 114; 361/331-334, 346, 390-394; 364/141, 146, 147, 188, 190-193; 901/3, 4, 5

[56] References Cited

U.S. PATENT DOCUMENTS

D. 272,819	2/1984	Bean et al. ....	D13/12
D. 274,615	7/1984	Bean et al. ....	D13/12
D. 281,493	11/1985	Prager .....	D13/40
D. 292,394	10/1987	Boucher .....	D13/12
D. 296,432	6/1988	Harris et al. ....	D13/12
4,672,511	6/1987	Meusel et al. ....	361/380
4,716,497	12/1987	Craker .....	361/395

FOREIGN PATENT DOCUMENTS

1035318 1/1964 United Kingdom ..... 361/394

OTHER PUBLICATIONS

Square D Company, 1987 Brochure "Programmable and Cell Controller Product Overview". Design News, 12-2-85, Bradley Controller. New Equipment Digest, 1-85, Gould Controller.

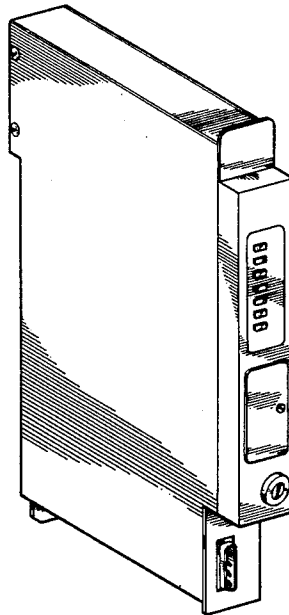
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[57] CLAIM

The ornamental design for a programmable logic controller, as shown.

DESCRIPTION

FIG. 1 is a top, left, front perspective view of a programmable logic controller showing my new design; FIG. 2 is a top plan view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a right side elevational view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a rear elevational view thereof.



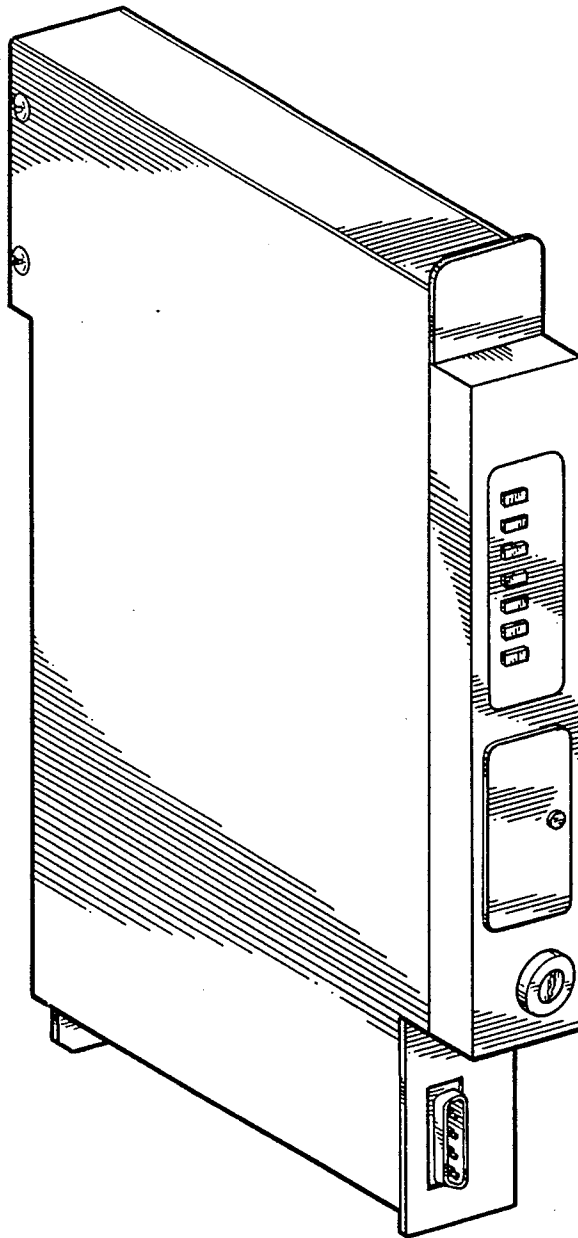


FIG. 1

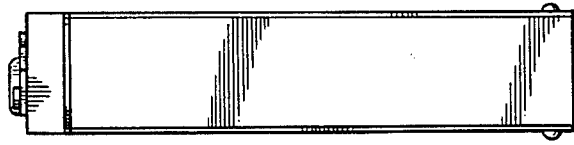


FIG. 2

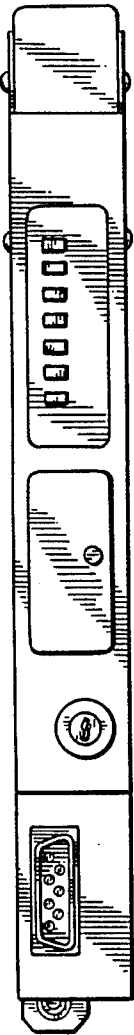


FIG. 3

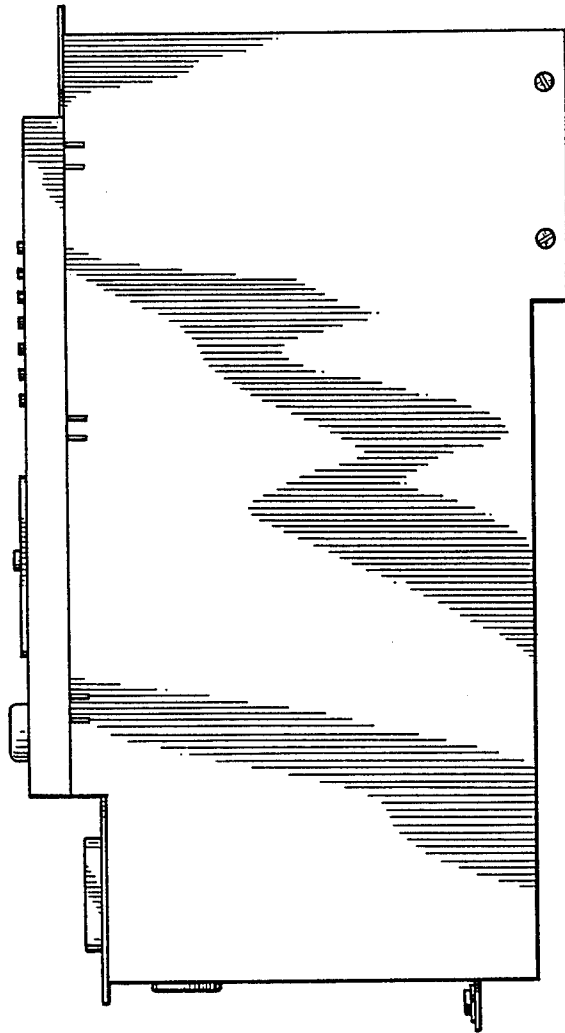


FIG. 4

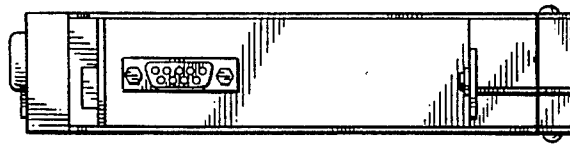


FIG. 5



FIG. 6