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United States Patent [19]

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Larson et al.

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[54] **KEY VARIABLE LOADER**

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[73] Assignee: **Motorola, Inc., Schaumburg, Ill.**

[**] Term: **14 Years**

[21] Appl. No.: **55,219**

[22] Filed: **May 31, 1996**

[51] LOC (6) Cl. **14-03**

[52] U.S. Cl. **D14/137; D14/107; D14/240; D14/299**

[58] Field of Search **D14/100, 107, D14/114, 116, 137, 138, 140, 142, 147, 148, 240, 242, 188, 126, 114.5, 299; 348/14, 15; 380/21; D13/168, 184; 174/52.3; 379/433-436, 419, 420, 428, 440, 441, 442; 455/550, 575, 90, 347, 349, 500, 556**

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 292,401 10/1987 Lee et al. D14/188
- D. 325,574 4/1992 Carver D14/100 X
- D. 340,927 11/1993 Goatman D14/137
- D. 356,079 3/1995 Oba D14/126
- D. 363,470 10/1995 Yamamoto D14/100

- D. 367,648 3/1996 Smith et al. D14/138 X
- D. 369,786 5/1996 Hagerty D14/100
- D. 382,867 8/1997 Arnone D14/114.5
- 4,845,650 7/1989 Meade et al. D13/168 X
- 5,093,860 3/1992 Steinbrenner et al. 380/21
- 5,173,938 12/1992 Steinbrenner et al. 380/21
- 5,185,795 2/1993 Bright 380/21
- 5,485,504 1/1996 Ohnsorge 348/15 X
- 5,550,324 8/1996 Black et al. 174/52.3

OTHER PUBLICATIONS

"DES and DES-XL Encryption and Key Variable Loader" brochure published in 1994 by Motorola, Inc.
"DVP-XL Encryption and Key Variable Loader" brochure published in 1994 by Motorola, Inc.

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Attorney, Agent, or Firm—Wayne J. Egan

[57] **CLAIM**

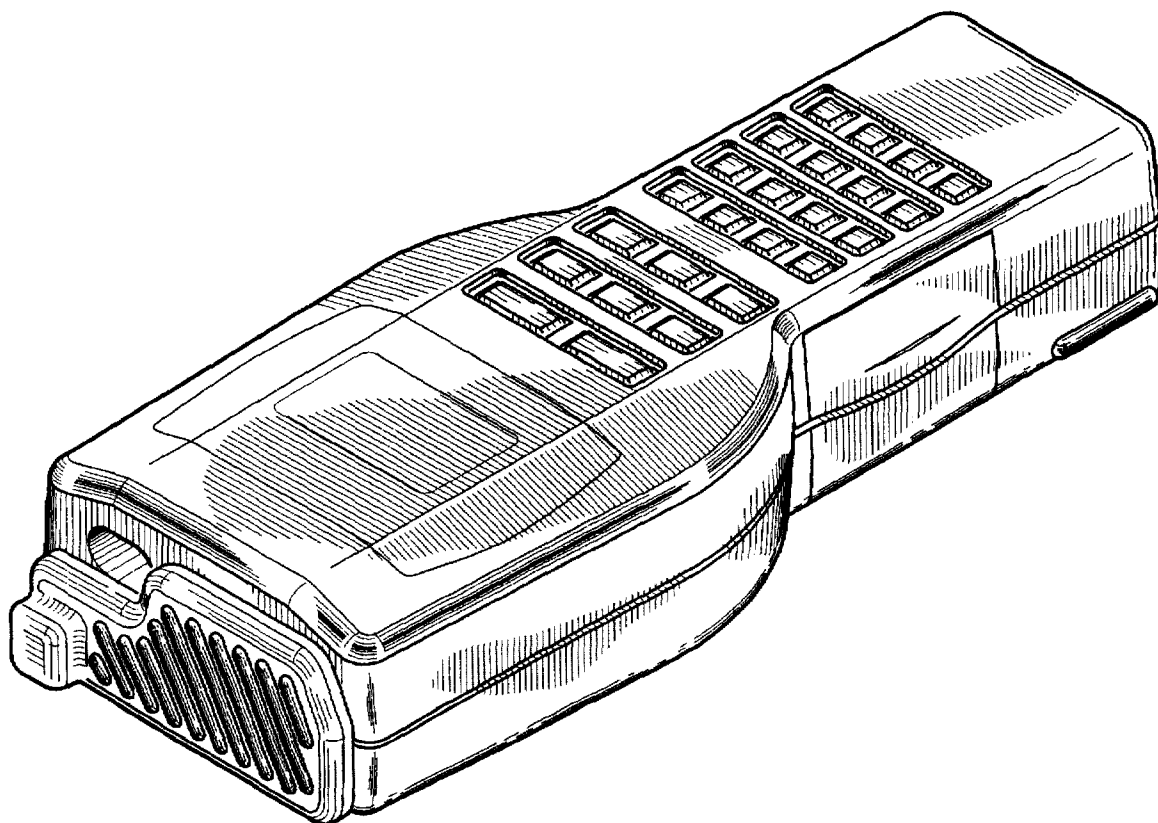
The ornamental design for a key variable loader, as shown.

DESCRIPTION

FIG. 1 is a left, front and top perspective view of our design; FIG. 2 is a right side elevation of our design; FIG. 3 is a rear elevation of our design; and, FIG. 4 is a bottom plan view of our design.

The broken line showings of FIG. 4 is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



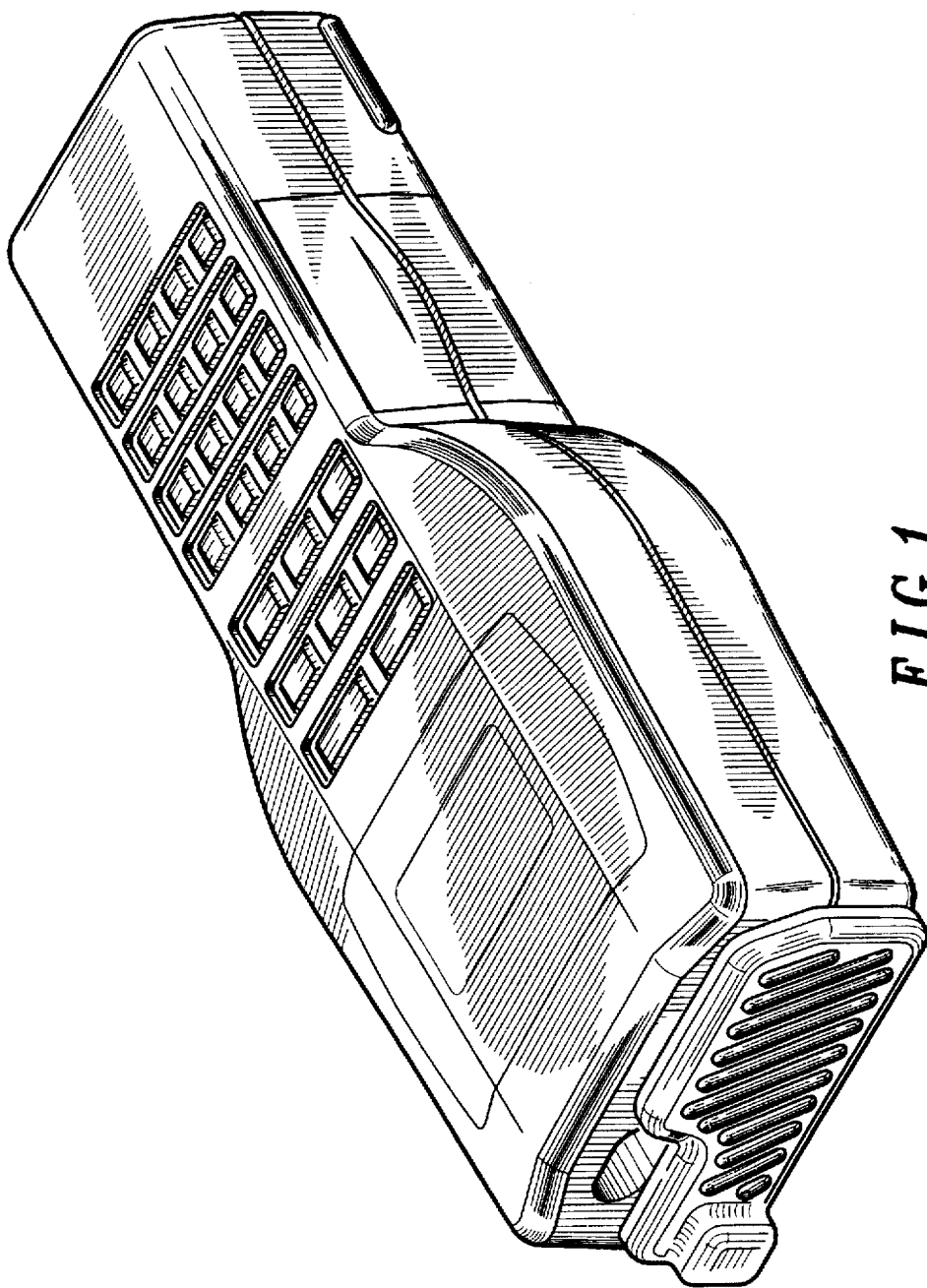


FIG. 1

FIG. 2

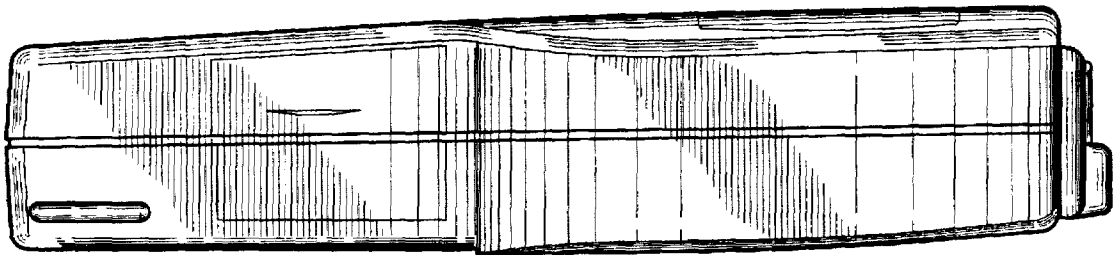


FIG. 3

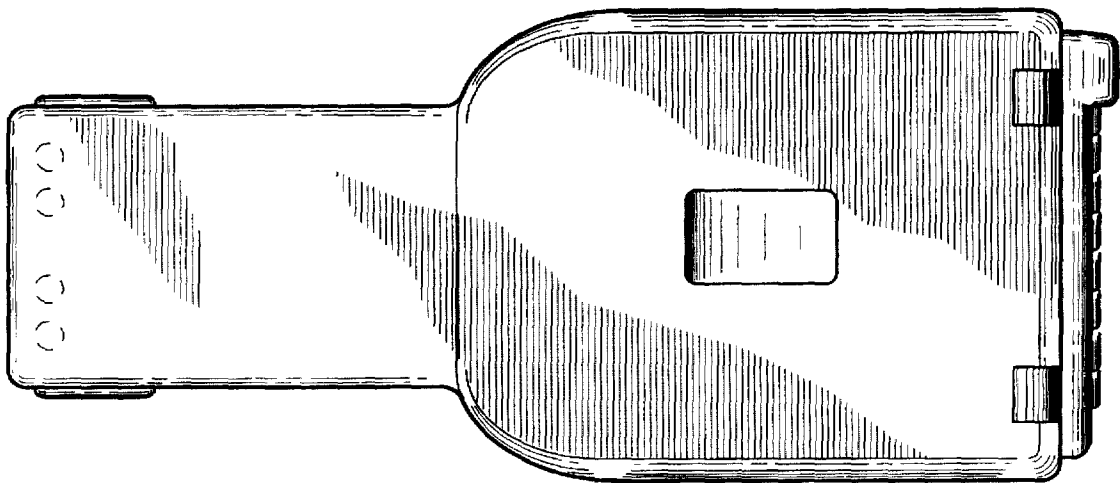
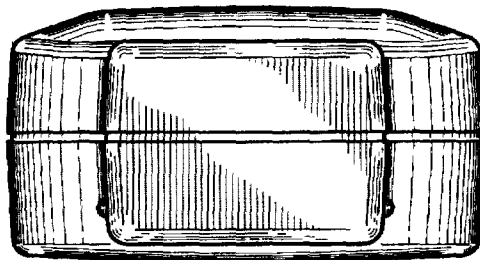


FIG. 4