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United States Patent [19]

Winchester

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[45] Date of Patent: **** Dec. 21, 1993**

[54] **HAND-HELD AUTOMATIC SCRUBBER DEVICE**

4,823,514 4/1989 Deluca 15/22.1 X

[76] Inventor: **Robin Winchester**, 3402 New Pond Rd., Anderson, S.C. 29624

FOREIGN PATENT DOCUMENTS

1170489 of 1959 France .
1340656 6/1972 United Kingdom .

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

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Attorney, Agent, or Firm—Terry M. Gernstein

[21] Appl. No.: **659,155**

[57] CLAIM

[22] Filed: **Feb. 22, 1991**

The ornamental design for a hand-held automatic scrubber device, as shown and described.

[52] U.S. Cl. **D4/102; D8/68**

[58] Field of Search **D4/100, 102, 127; D32/14.1, 17; D8/61, 68, 70; 15/22.1, 22.2, 23, 25, 26, 28, 179**

DESCRIPTION

[56] References Cited

U.S. PATENT DOCUMENTS

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- D. 167,909 10/1952 Restagno D4/102
- D. 186,102 8/1959 Semeraro D4/100
- D. 205,994 10/1966 Ota D4/100
- D. 279,626 7/1985 McCloskey D4/100
- D. 313,890 1/1991 MacHuron D4/102
- 3,293,680 12/1966 Wilson et al. 15/23 X

FIG. 1 is a perspective view of the hand-held automatic scrubber device embodying the design of the present invention;

FIG. 2 is a front end elevational view thereof;

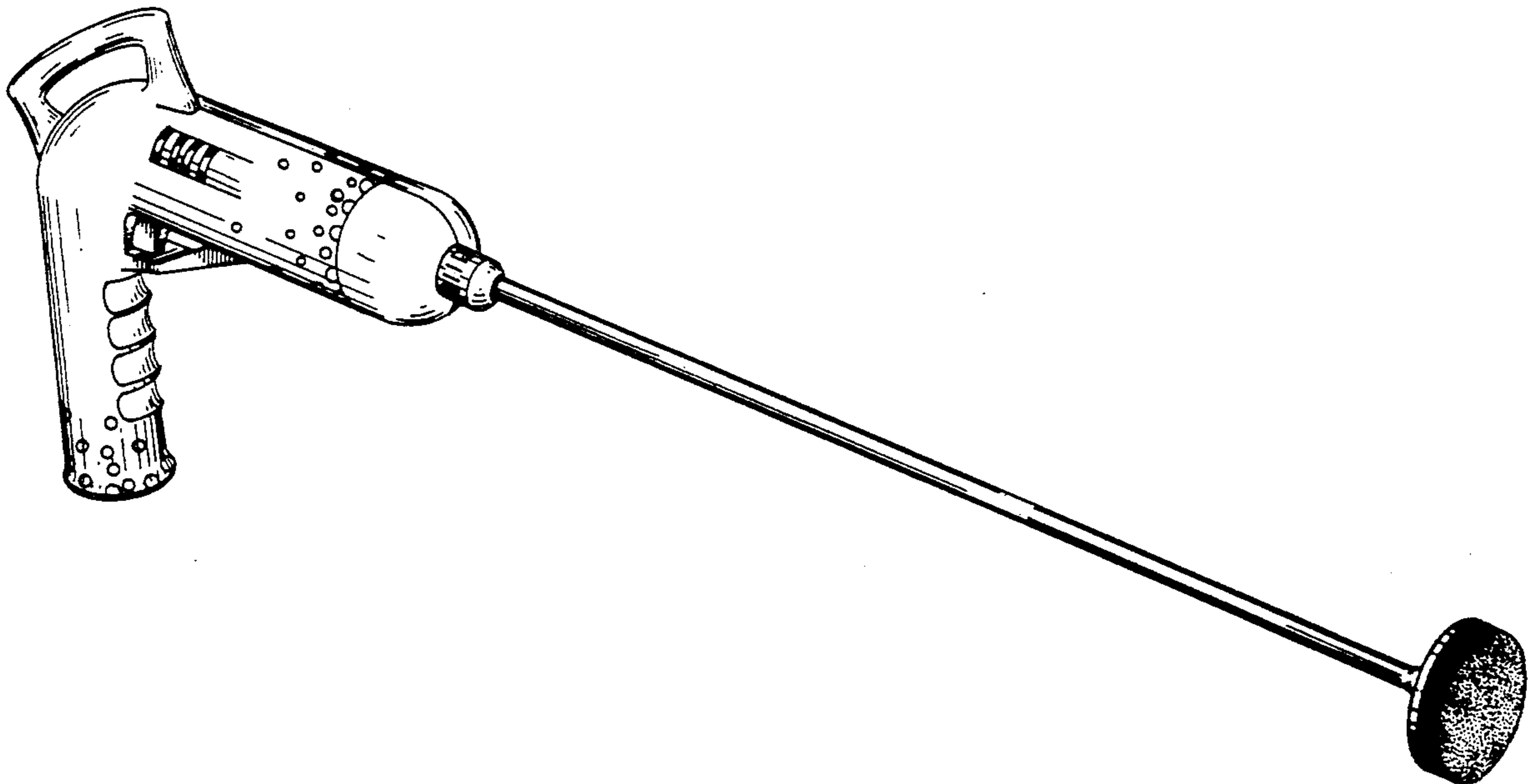
FIG. 3 is a rear end elevational view thereof;

FIG. 4 is a side elevational view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom view thereof.

The undisclosed side elevation is identical to the side elevation shown in FIG. 4.



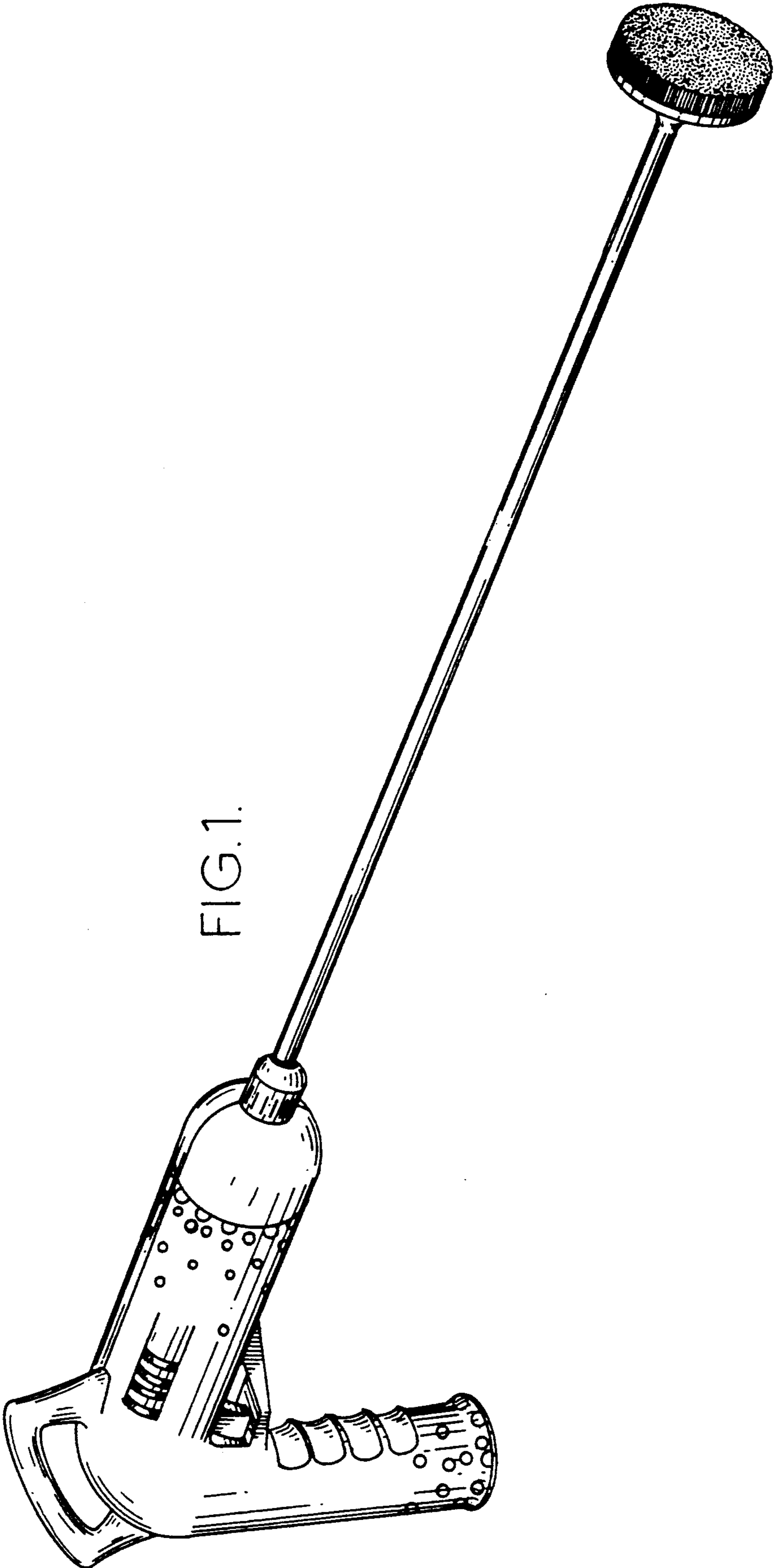


FIG.1.

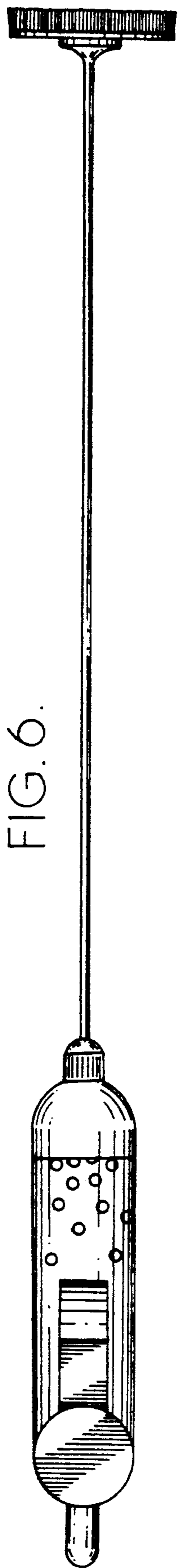


FIG. 6.

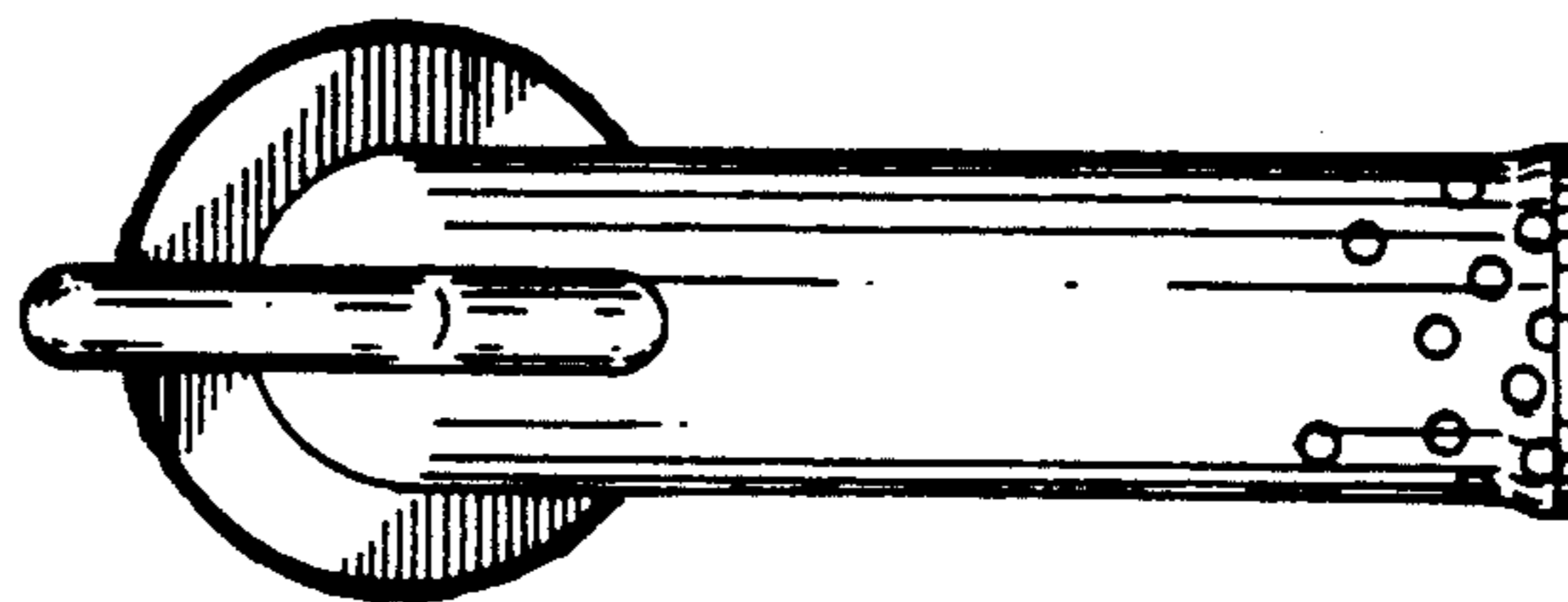


FIG. 3.

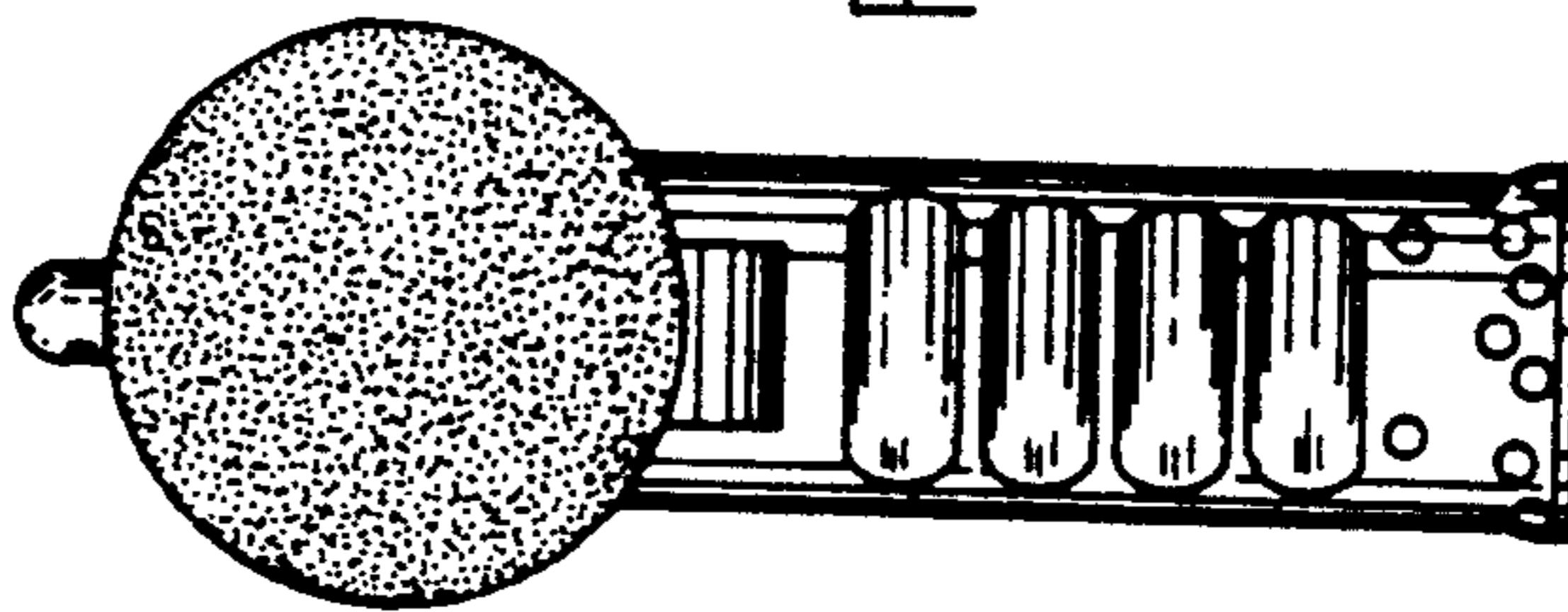


FIG. 2.

