

[54] DRY BATTERY DRIVEN LIQUID PUMP

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[**] Term: 14 Years

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[52] U.S. Cl. D15/7

[58] Field of Search D15/7; 417/411, 424

[56] References Cited

U.S. PATENT DOCUMENTS

- D. 119,404 3/1940 Spiegel D15/7
- D. 254,671 4/1980 Johnson et al. D15/7
- D. 271,493 11/1983 McMullen D15/7
- 1,875,419 9/1932 Claypool D15/7
- 4,021,150 5/1977 Mabuchi 417/411

- 4,098,557 7/1978 Claunch et al. 417/424
- 4,218,195 8/1980 Shure 417/411

OTHER PUBLICATIONS

Japanese Design Certificate #372178, 8-24-73.
Japanese Design Certificate #372178-1, 6-25-75.

Primary Examiner—Wallace R. Burke
Assistant Examiner—Lynn Wilder

[57] CLAIM

The ornamental design for a dry battery driven liquid pump, substantially as shown.

DESCRIPTION

FIG. 1 is a perspective view of a dry battery driven liquid pump showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a top plan view thereof; and
FIG. 7 is a bottom plan view thereof.

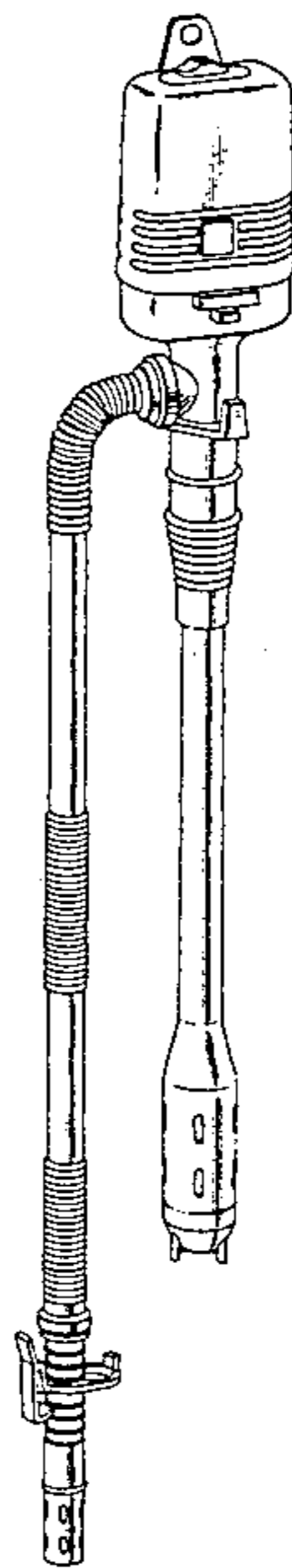


FIG. 1

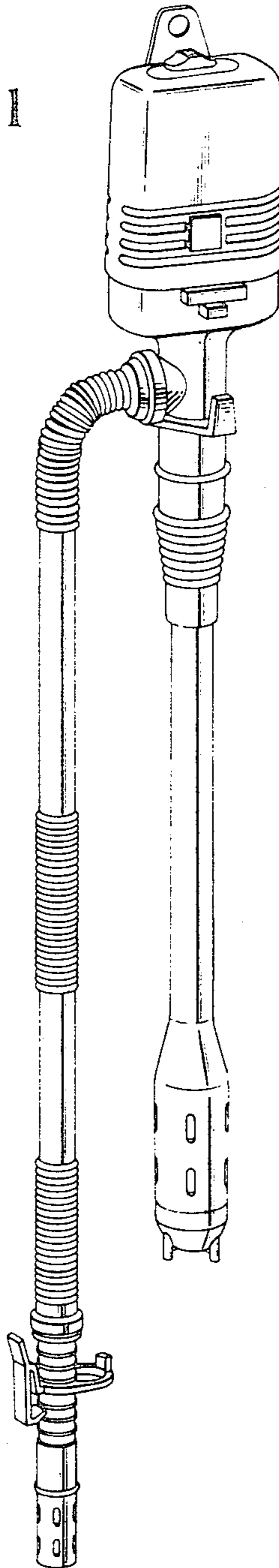


FIG. 2

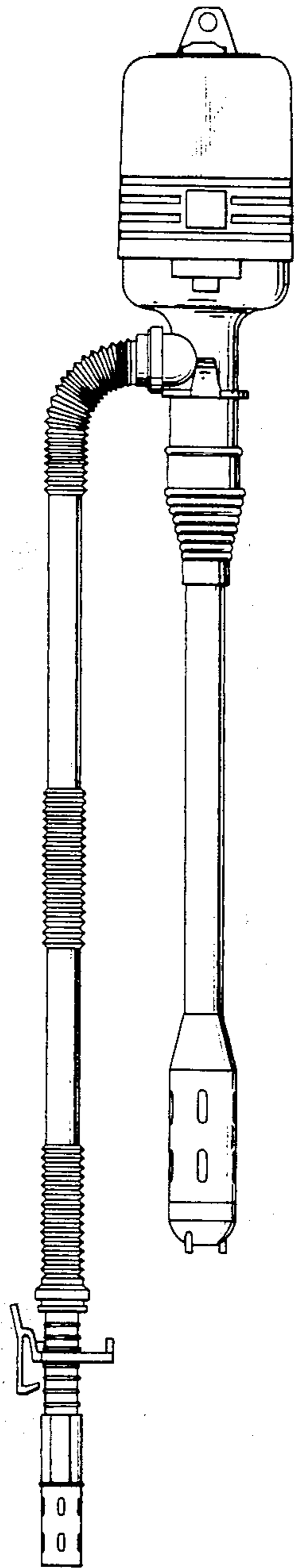


FIG. 3

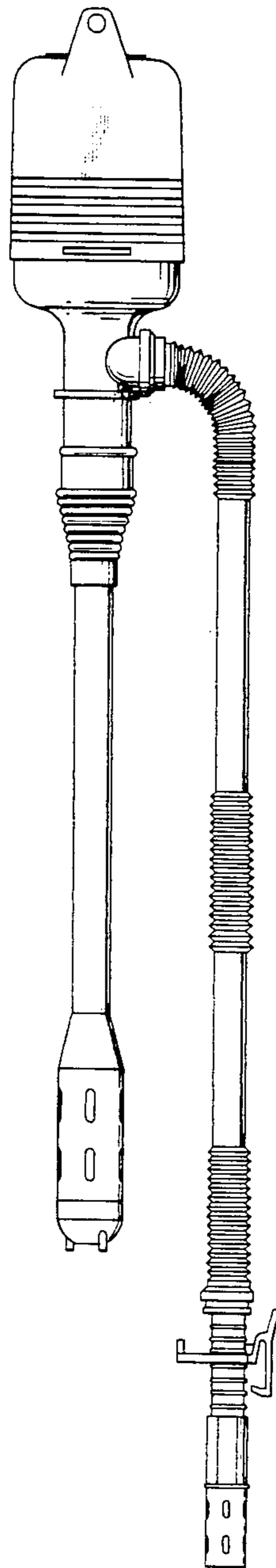


FIG.4 FIG.5

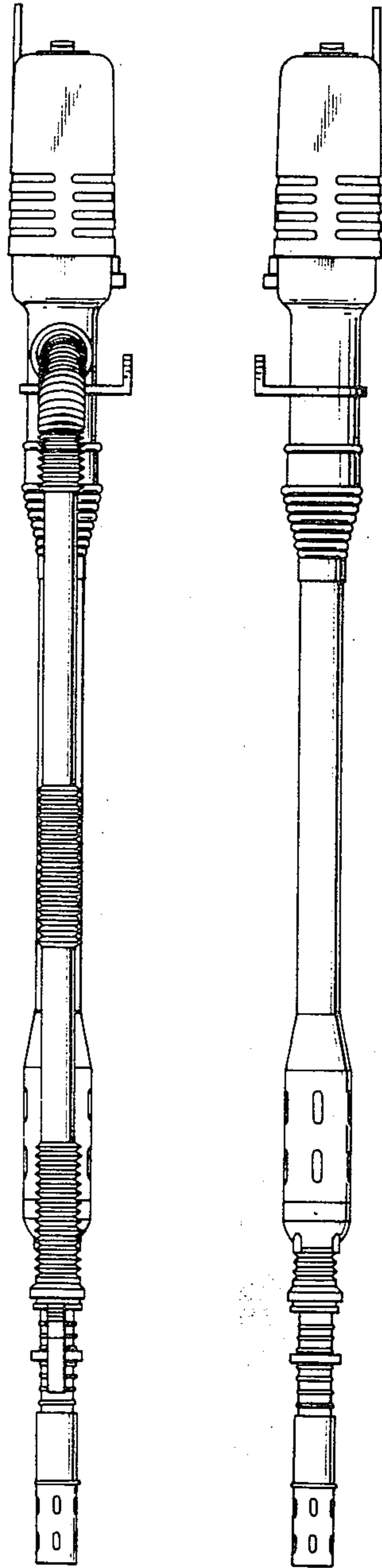


FIG.6

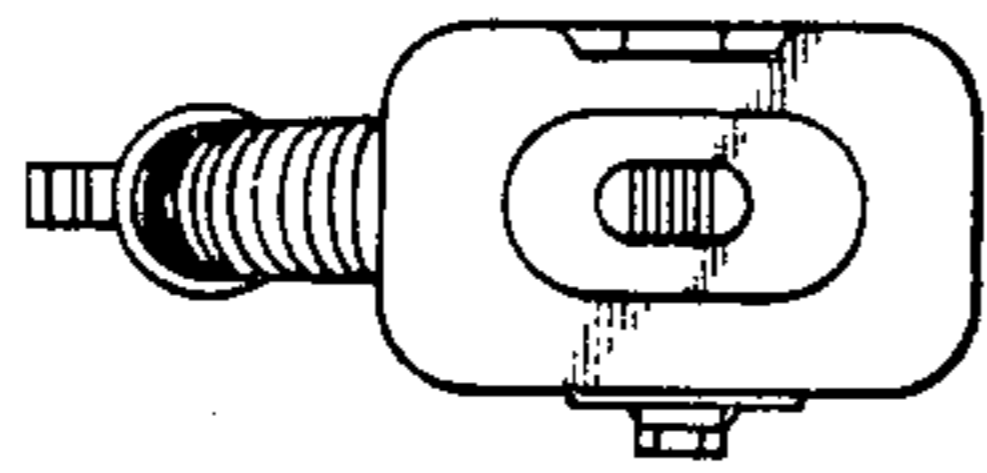


FIG.7

