



US00D331586S

# United States Patent [19]

[11] Patent Number: **Des. 331,586**

Mason et al.

[45] Date of Patent: **\*\* Dec. 8, 1992**

[54] **EXTERIOR WIPER HEAD FOR DRILL PIPE**

5,101,896 4/1992 Thompson et al. .... 166/311 X

[76] Inventors: **Ronald J. Mason**, 2629 NW. 24th, Newcastle, Okla. 73065; **Steven B. Mason**, Rte. 2, Box CW402, Tuttle, Okla. 73089

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

[57] **CLAIM**

[21] Appl. No.: **694,200**

The ornamental design for an exterior wiper head for drill pipe, as shown and described.

[22] Filed: **Oct. 9, 1990**

**DESCRIPTION**

[52] U.S. Cl. .... **D15/138**

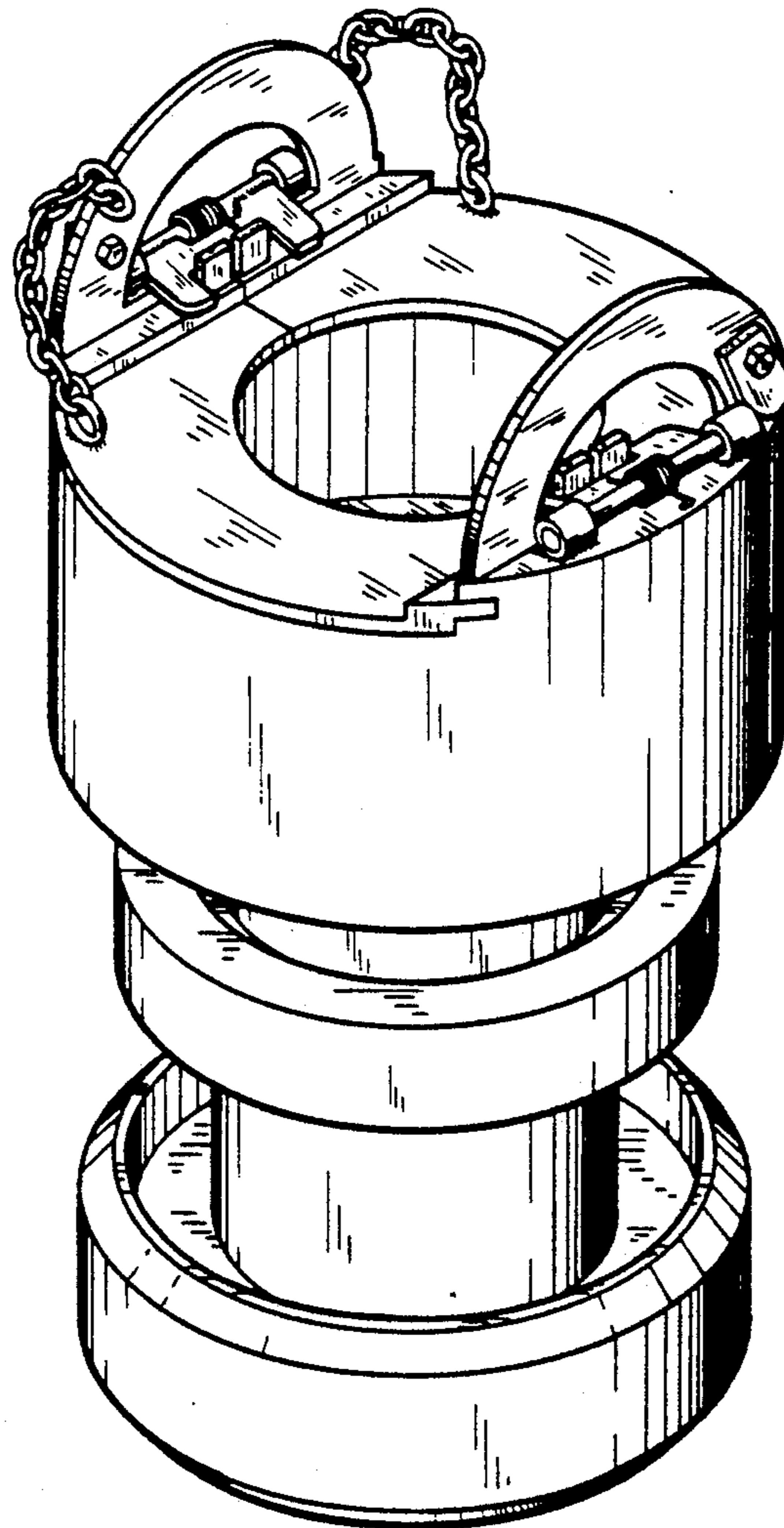
[58] Field of Search ..... **D15/138, 199; 166/92, 166/177, 311; 175/84; 366/150**

FIG. 1 is a top and front perspective view of an exterior wiper head for drill pipe showing our new design; FIG. 2 is a bottom and rear perspective view; FIG. 3 is a side elevational view; FIG. 4 is another side elevational view; FIG. 5 is a rear elevational view; FIG. 6 is a front elevational view; FIG. 7 is a top plan view; and, FIG. 8 is a bottom plan view thereof. FIGS. 1 and 2 have been drawn on an enlarged scale with respect to FIGS. 3-8.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

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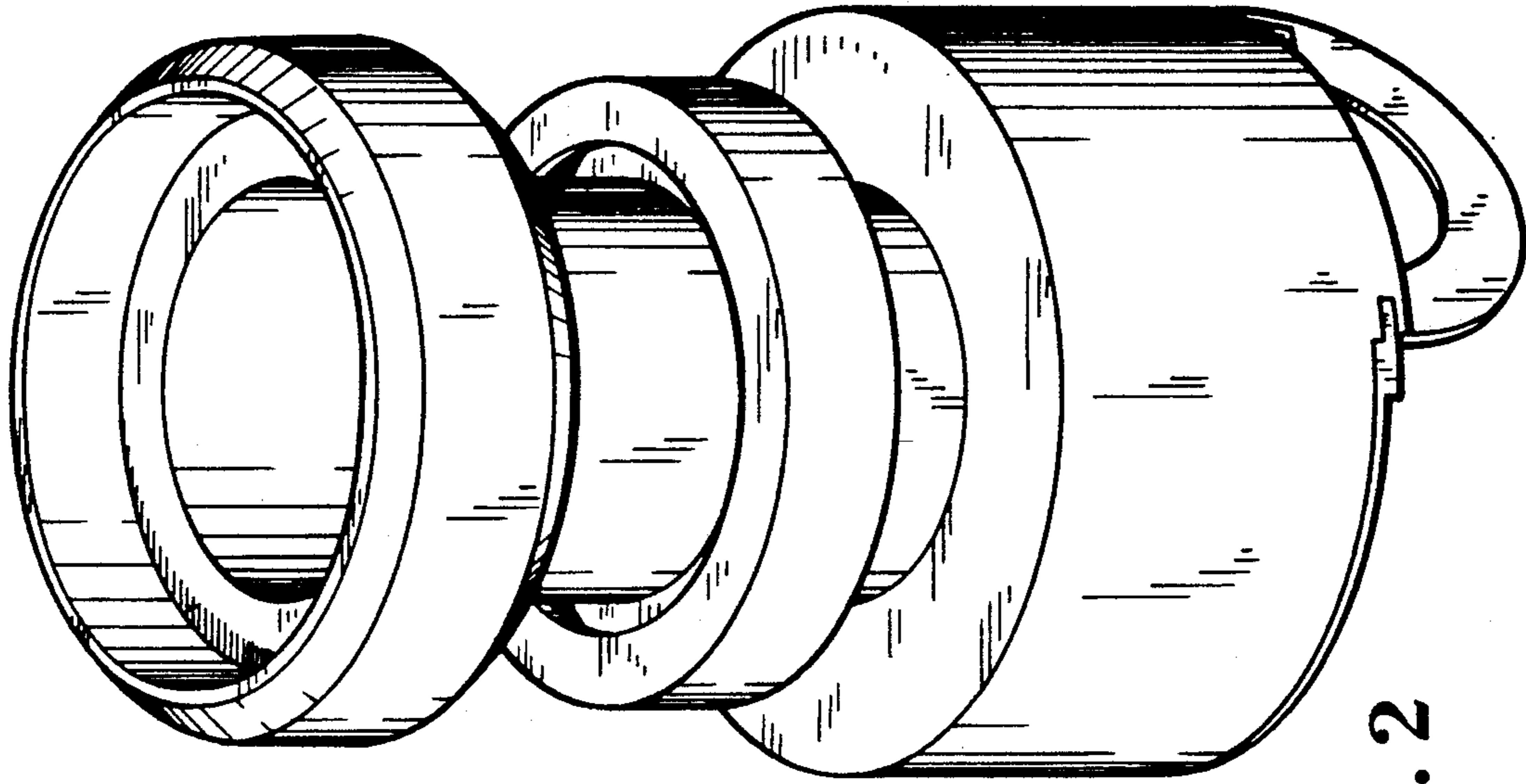


FIG. 2

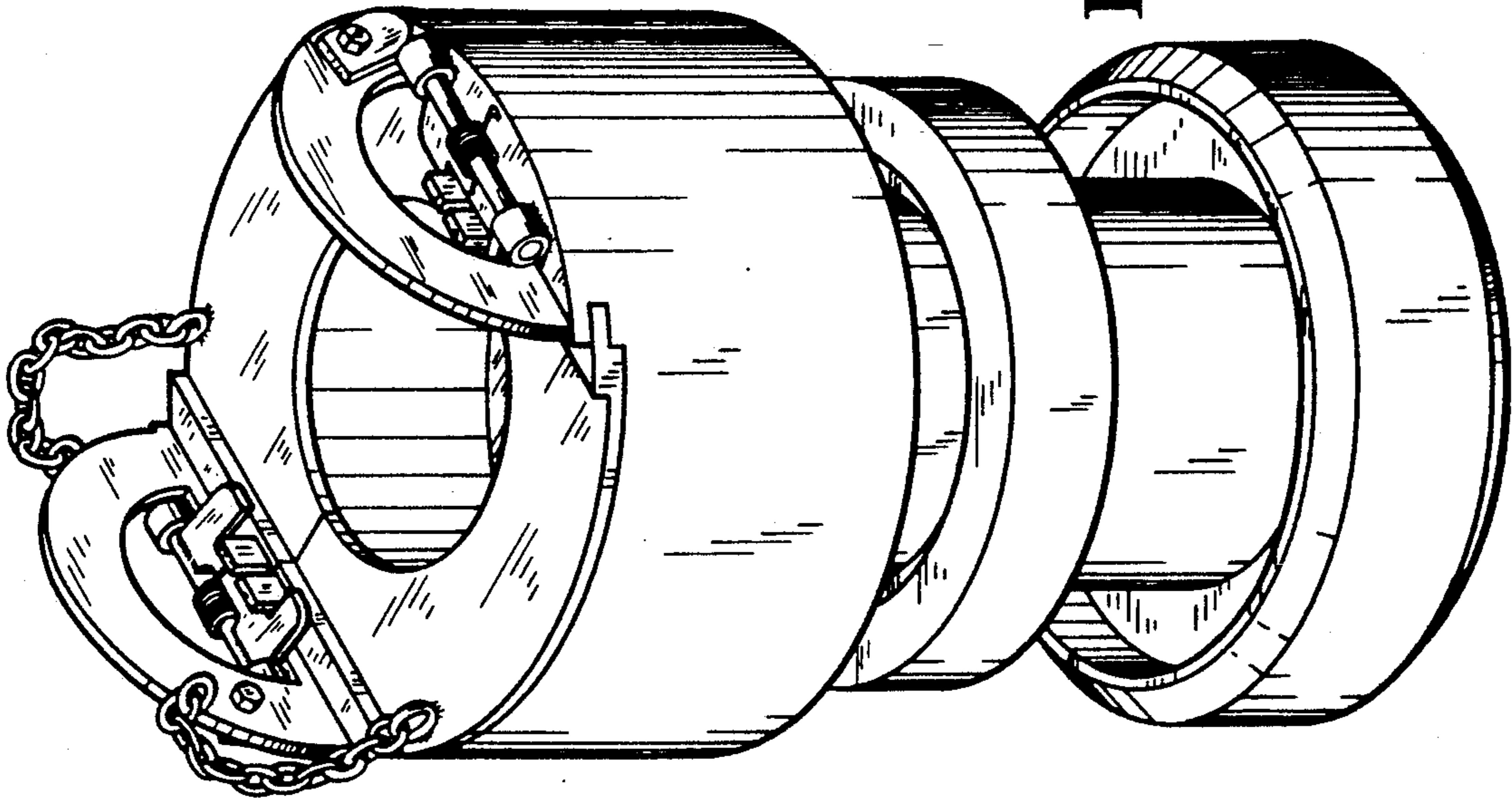


FIG. 1

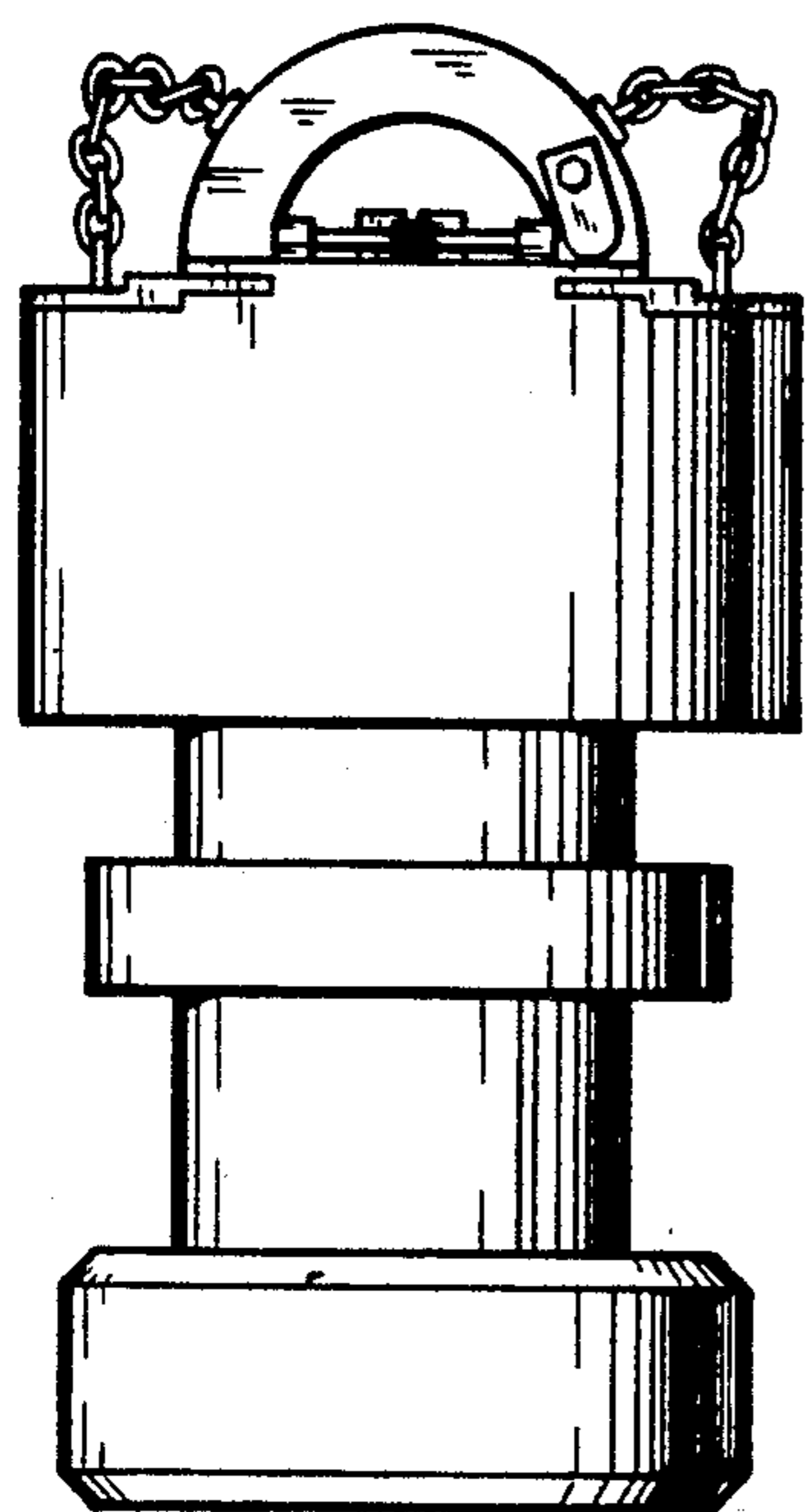


FIG. 3

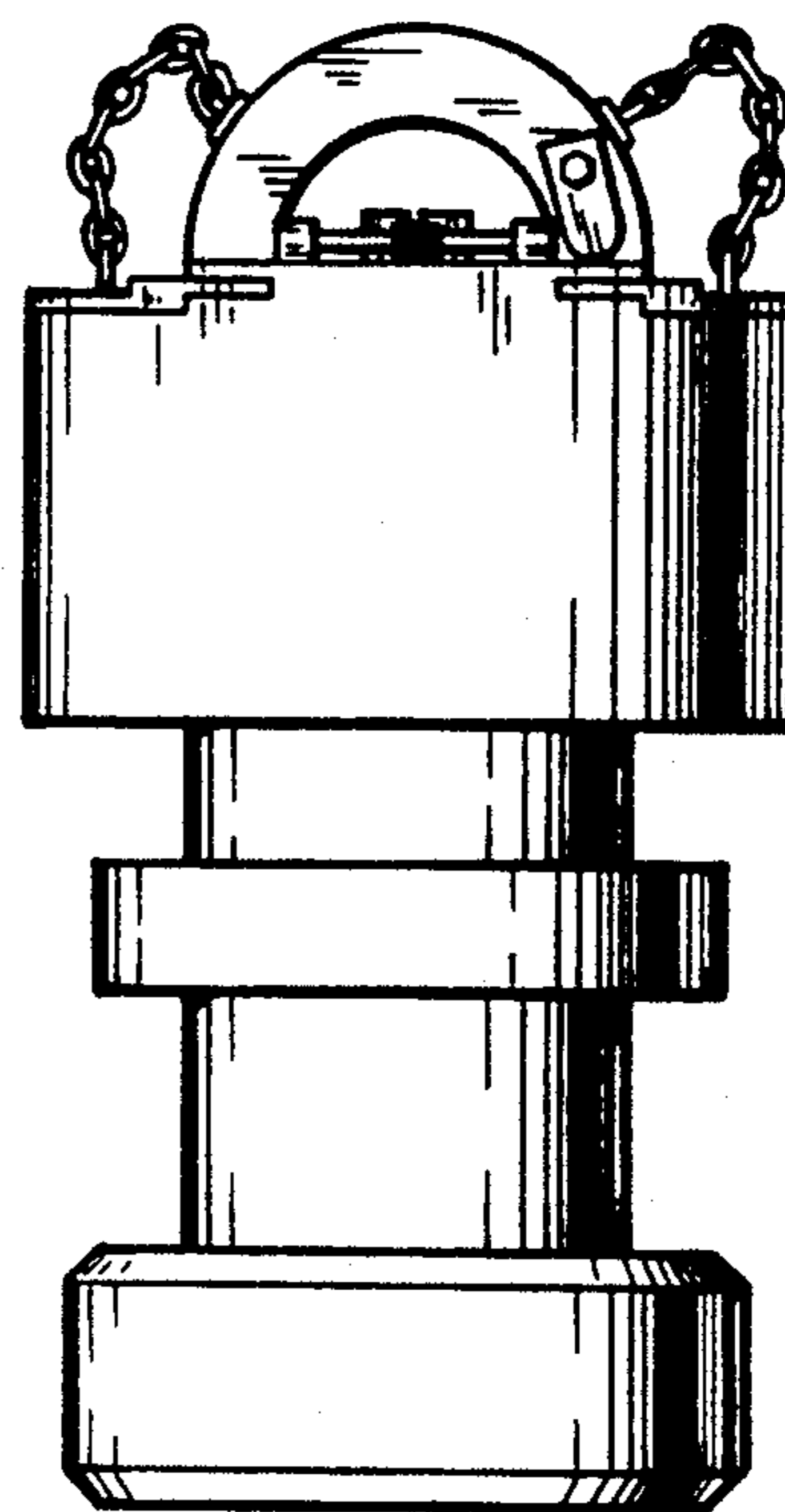


FIG. 4

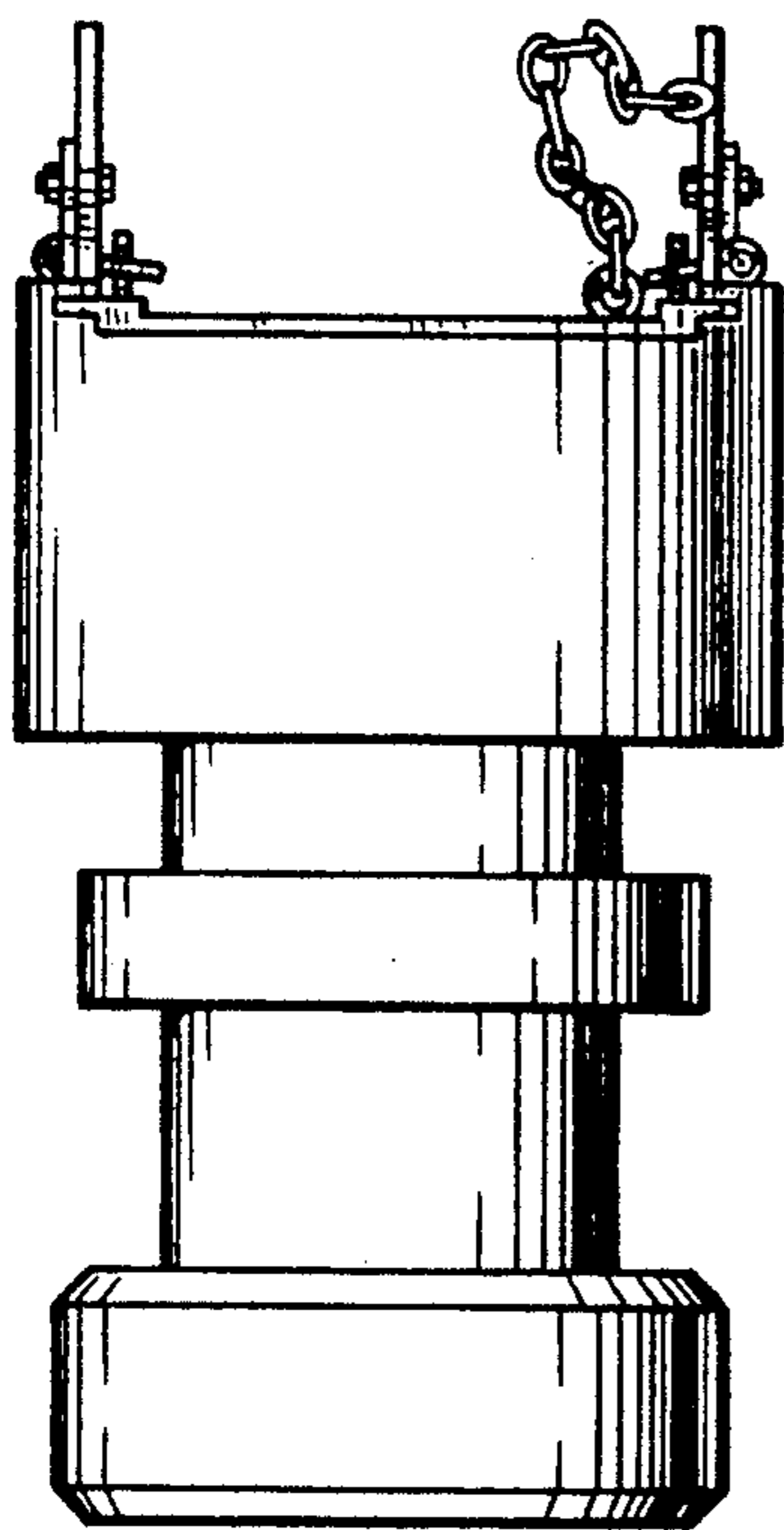


FIG. 5

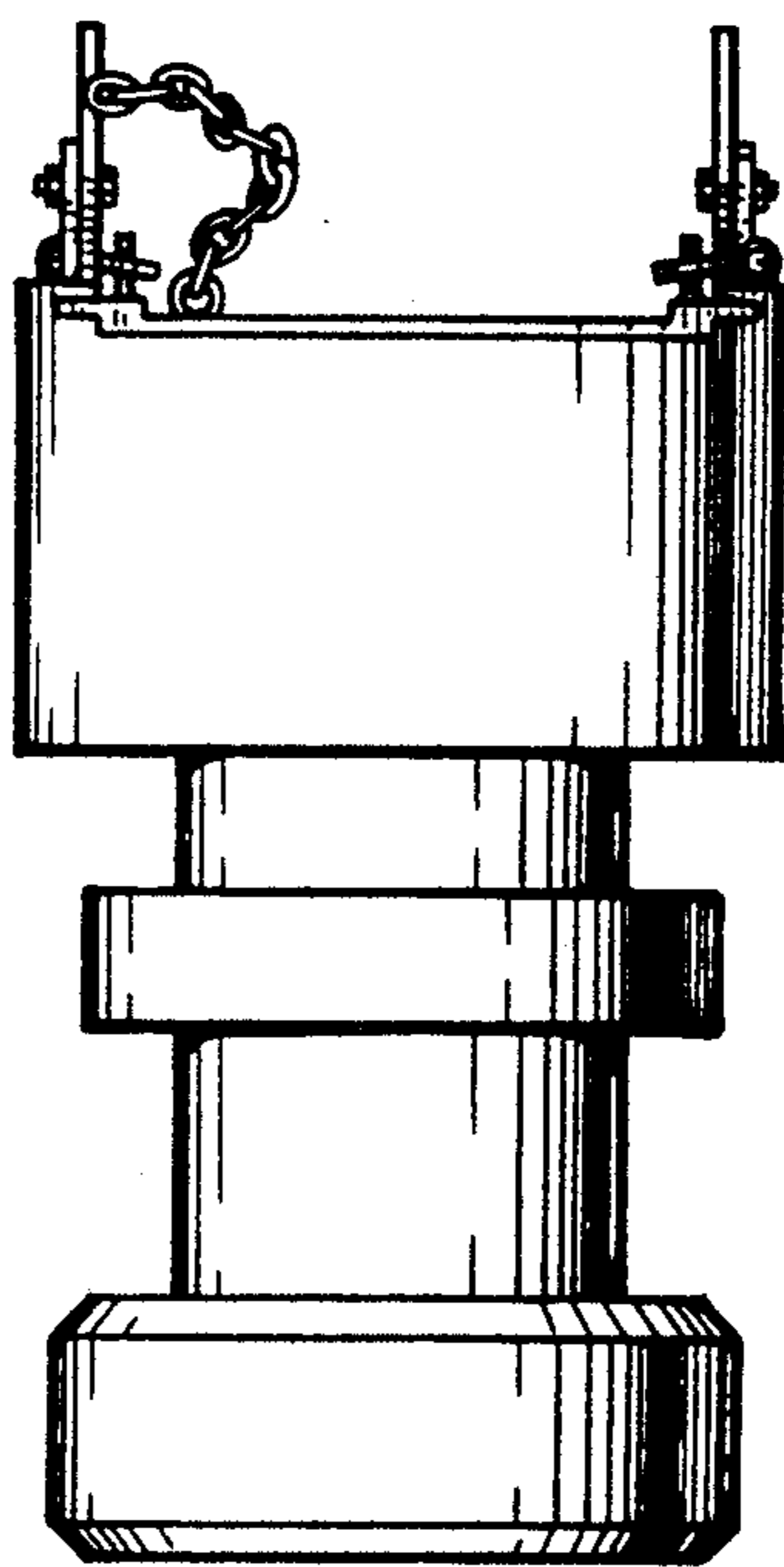


FIG. 6

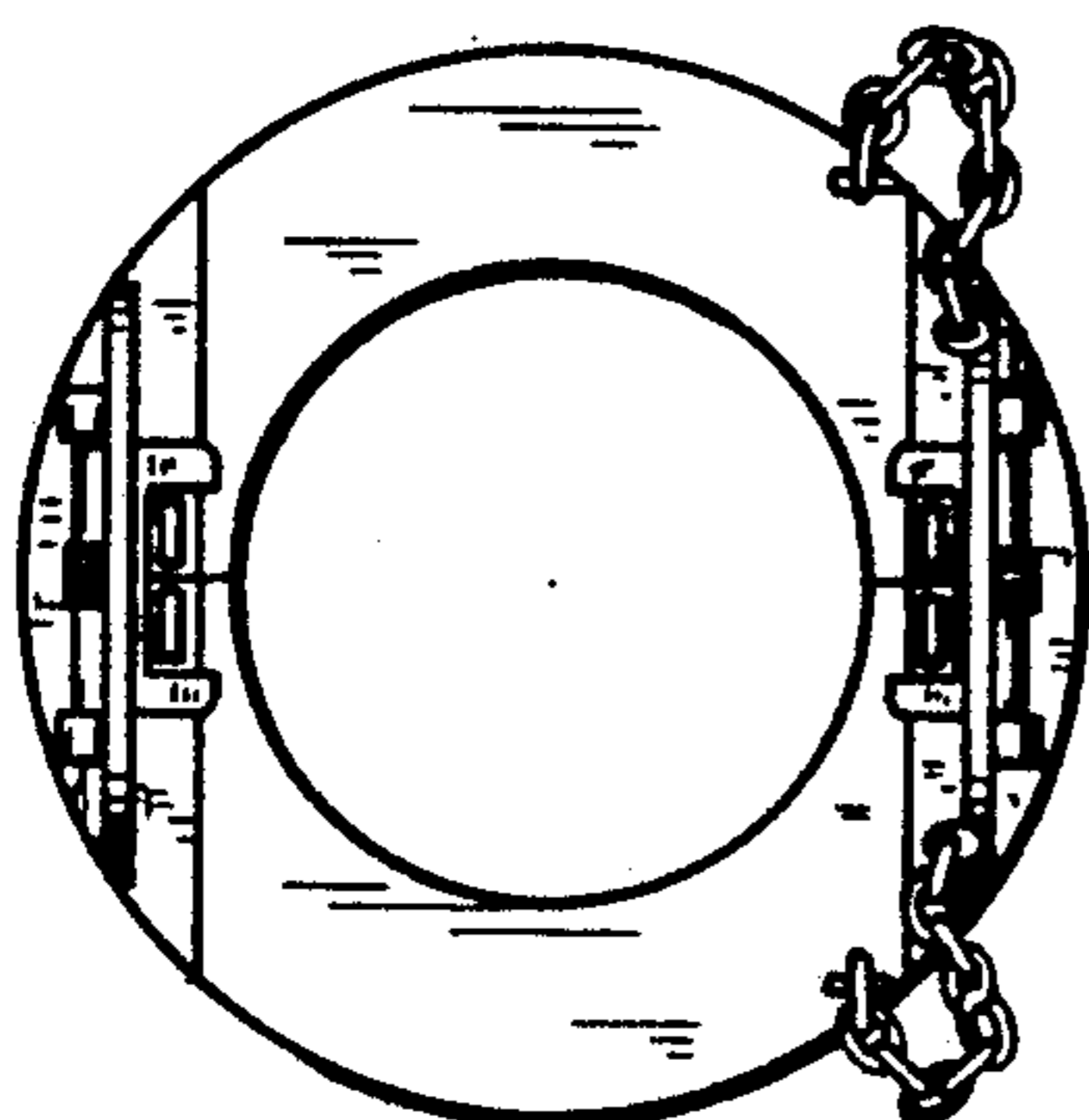
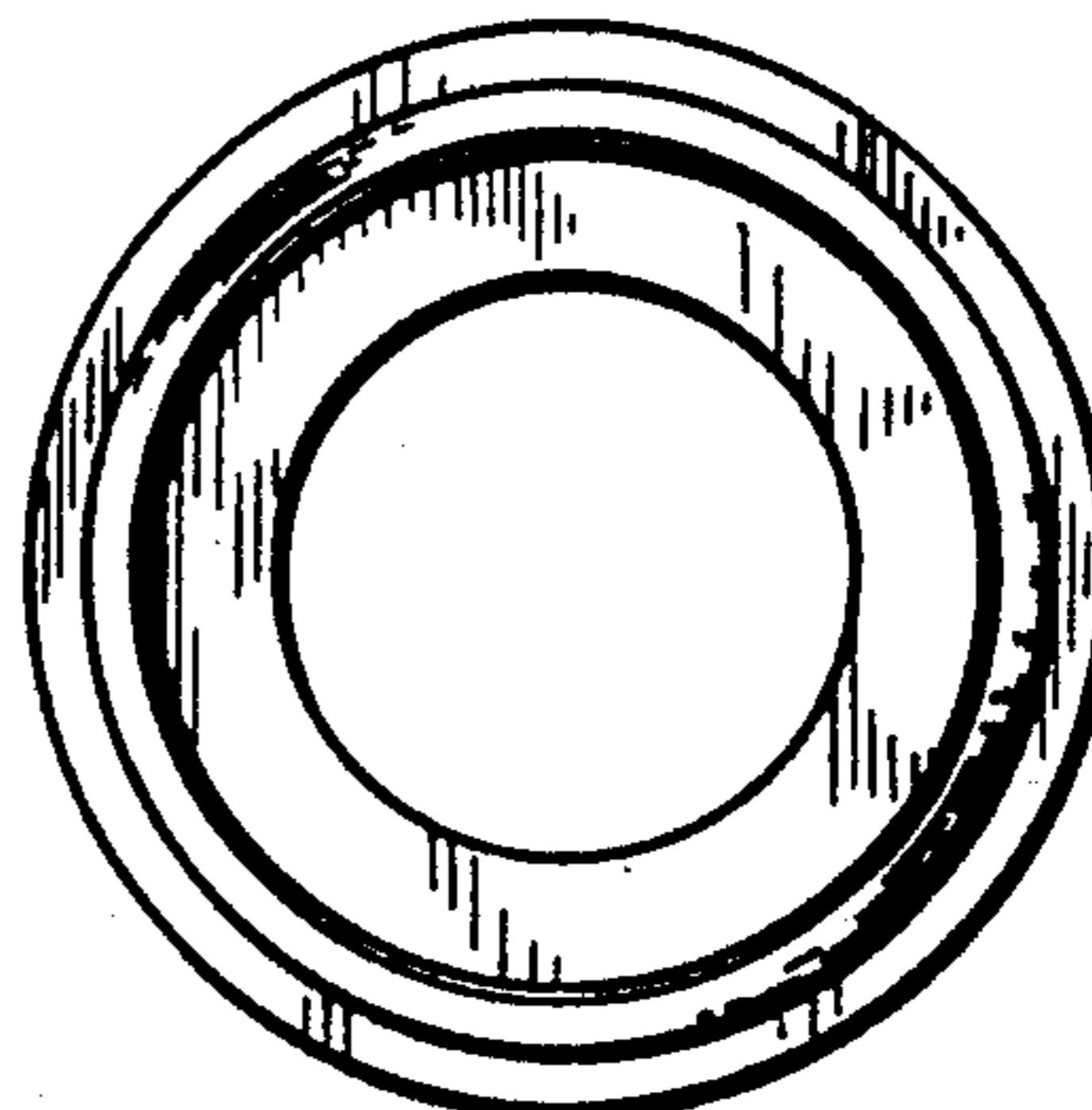


FIG. 7

FIG. 8





UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : DES. 331,586

DATED : December 8, 1992

INVENTOR(S) : Ronald J. Mason & Steven B. Mason

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, after [21] Appl. No.: delete "694,200" and substitute therefor --594,200--.

Signed and Sealed this

Fourteenth Day of December, 1993

*Attest:*



BRUCE LEHMAN

*Attesting Officer*

*Commissioner of Patents and Trademarks*