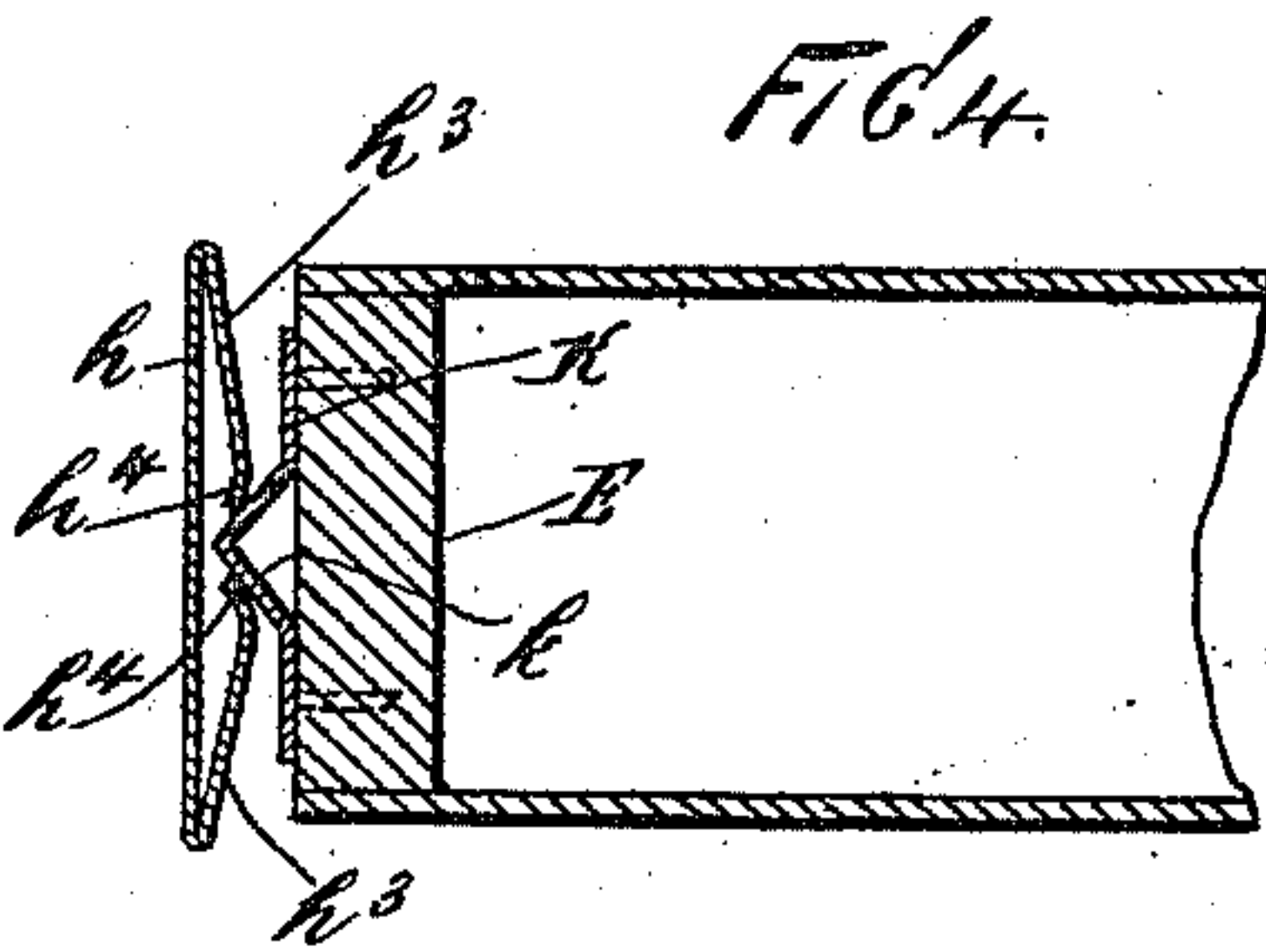
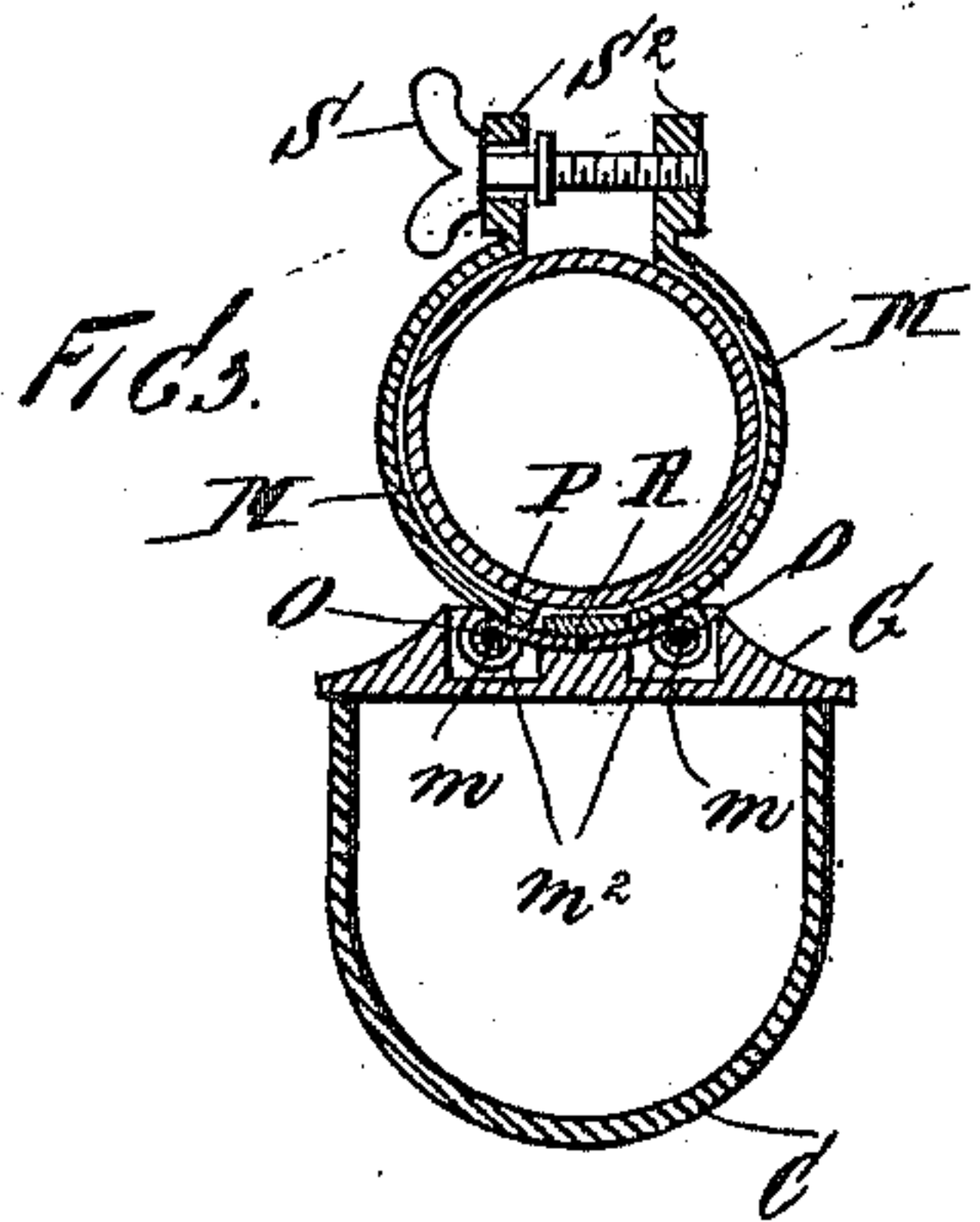
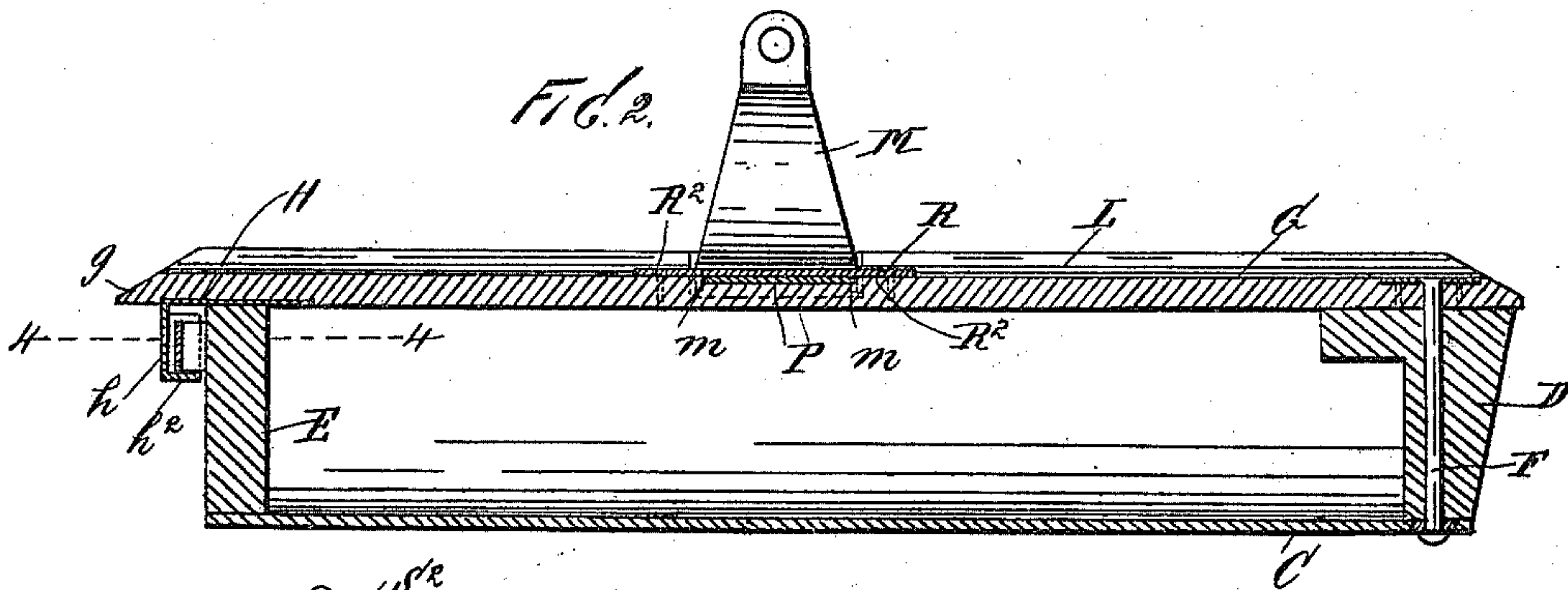
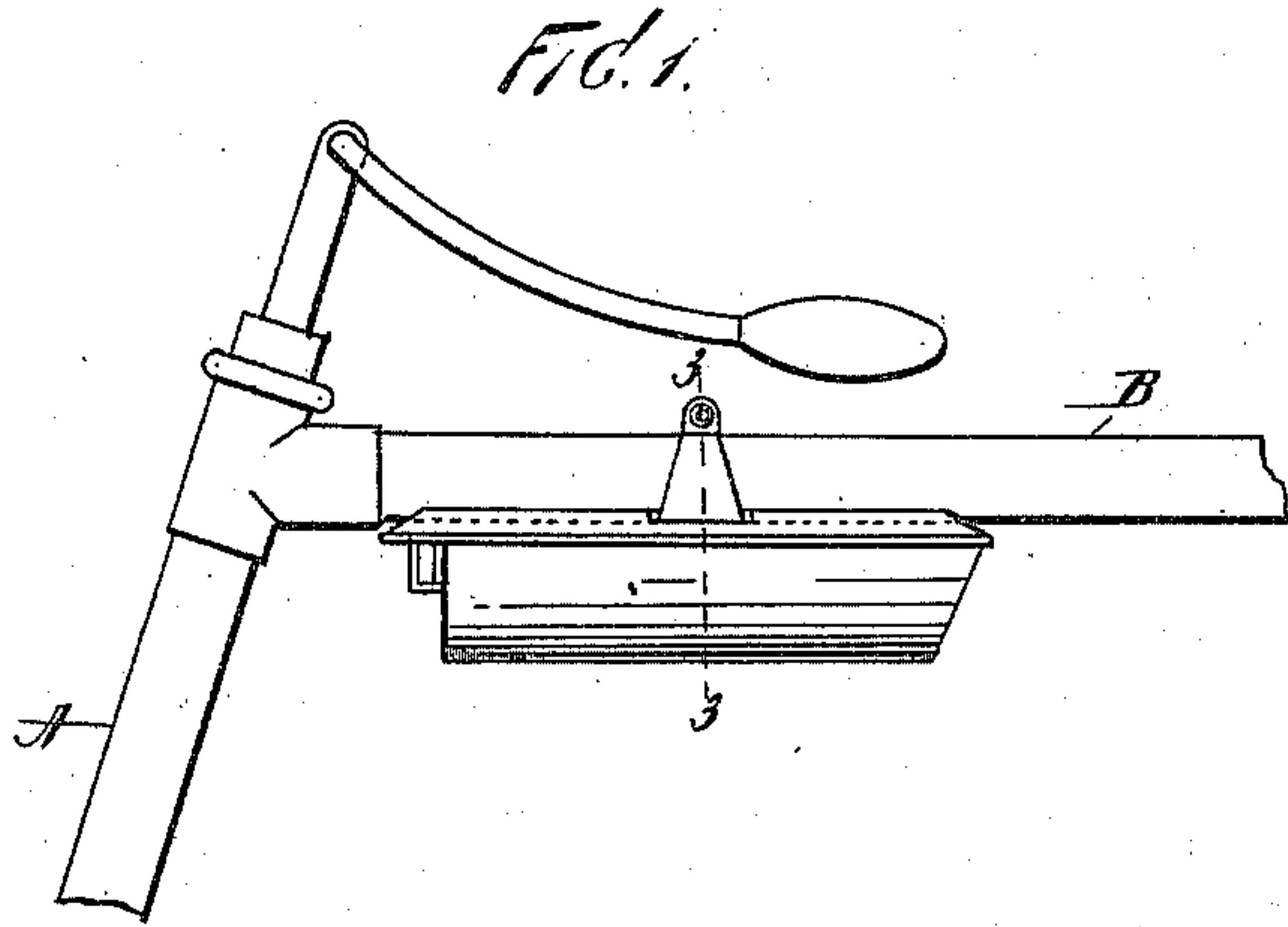


(No Model.)

L. E. HUDSON.  
TOOL BOX FOR BICYCLES.

No. 572,993.

Patented Dec. 15, 1896.



**WITNESSES:**

John Buckler  
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ATTORNEYS.

**ATTORNEYS.**



# UNITED STATES PATENT OFFICE.

LOUIS EDWARD HUDSON, OF ELLISBURG, NEW YORK.

## TOOL-BOX FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 572,993, dated December 15, 1896.

Application filed January 22, 1896. Serial No. 576,382. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS EDWARD HUDSON, a citizen of the United States, and a resident of Ellisburg, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Tool-Boxes for Bicycles, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to bicycles and similar vehicles; and the object thereof is to provide a tool box or receptacle for this class of machines which is adapted to be connected with one of the horizontal rods or bars of the frame; and with this and other objects in view the invention consists in the device hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a side view of a portion of the frame of a bicycle with my improved tool-box connected therewith; Fig. 2, a longitudinal central vertical section of the tool-box; Fig. 3, a transverse section on the line 3 3 of Fig. 1, and Fig. 4 a section on the line 4 4 of Fig. 2.

In the drawings forming part of this specification, A represents the forward upright rod or bar of the frame of a bicycle, and B the upper horizontal bar thereof, and in the practice of my invention I provide a tool box or casing which consists of a body portion C, which is oblong in form and the lower side of which is preferably circular in cross-section, as shown in Fig. 3, and this body portion C may be composed of thin sheet metal or of any desired material and is provided with end pieces D and E, which are set therein and which are preferably composed of wood, and passing through the end piece B is a rod F, which also passes through one end of the cover G, and said cover is free to swing on said rod and is therefore pivotally connected with the body portion of the box or casing, and secured to the lower side of the opposite end thereof, which projects over the end E of the box or casing, as shown at *g*, is a metal plate H, the outer end of which is bent downwardly, as shown at *h*, and the lower side of

which is then bent inwardly, as shown at *h*<sup>2</sup>, and secured to the sides of the depending portion *h* and preferably formed integrally therewith are inwardly-directed spring-arms *h*<sup>3</sup>, the ends of which are bent inwardly, as shown at *h*<sup>4</sup>, and secured to the end E of the box or casing is a metal plate K, the central portion of which is bent outwardly to form a triangular projection *k*, this feature of construction being clearly shown in Fig. 4.

The cover G of the box or casing is of the form, in cross-section, shown in Fig. 3, and is provided centrally with a groove L, which is adapted, in cross-section, to conform to the under side of the rod B, and in connecting the box or casing with said rod I provide two hinged jaws M, each of which is provided at its lower side with outwardly and downwardly directed shoulders or projections *m*, which project into longitudinal angular slots *m*<sup>2</sup>, formed in the cover G, and these shoulders or projections M are united by rods O, to which is secured a plate P, over which is passed a plate R, which is secured in the bottom of the groove L of the cover G, as shown at R<sup>2</sup>, by means of screws or other devices. As thus constructed the jaws M are free to swing outwardly and may be placed around and secured to the rod B by a set-screw S, which passes through extensions or shoulders S<sup>2</sup> formed thereon, and in practice I provide the inner surfaces of said jaws M with a lining of chamois, felt, or other material, in order that they will not scratch or otherwise deface or injure the rod B, and similar packing may also be placed in the bottom of the groove L of the cover G.

It is evident that any kind or class of tools may be placed in this tool box or casing, and that it may be secured to other portions of the frame, and all that is necessary to open the same is simply to press on the side of the body portion thereof at the end E, when the said end will swing out to one side, as will be readily understood, when access may be had thereto, and in closing the box or casing it is only necessary to press the body portion thereof back into the position shown in Figs. 3 and 4, in which place the free end of the box or casing will be securely held by the spring-arms *h*<sup>3</sup> of the plate H, which operate in connection with the triangular shoulder or



projection *k* of the metal plate K, which is secured to the end E.

It is evident that changes in and modifications of the construction herein described  
5 may be made without departing from the spirit of my invention or sacrificing its advantages, and I reserve the right to make all such alterations therein and modifications thereof as fairly come within the scope of the  
10 invention.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

15 A tool-box for attachment to bicycles, comprising an oblong body portion, provided with a cover pivotally connected with one end thereof so as to be moved horizontally spring fastenings or clamps on the opposite ends of

the said body portion and cover adapted to engage with each other, said cover having 20 formed in its top a longitudinal groove adapted to receive the under side of a frame-rod, hinged jaws on said box, a cover adapted to clasp the frame-rod, and a screw to hold said jaws about the frame-rod, all constructed 25 and arranged substantially as herein shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 18th 30 day of January, 1896.

LOUIS EDWARD HUDSON.

Witnesses:

C. GERST,

A. M. CUSACK.