

(No Model.)

F. MAYER.
SELF CLOSING SPIGOT.

No. 272,732.

Patented Feb. 20, 1883.

fig 1

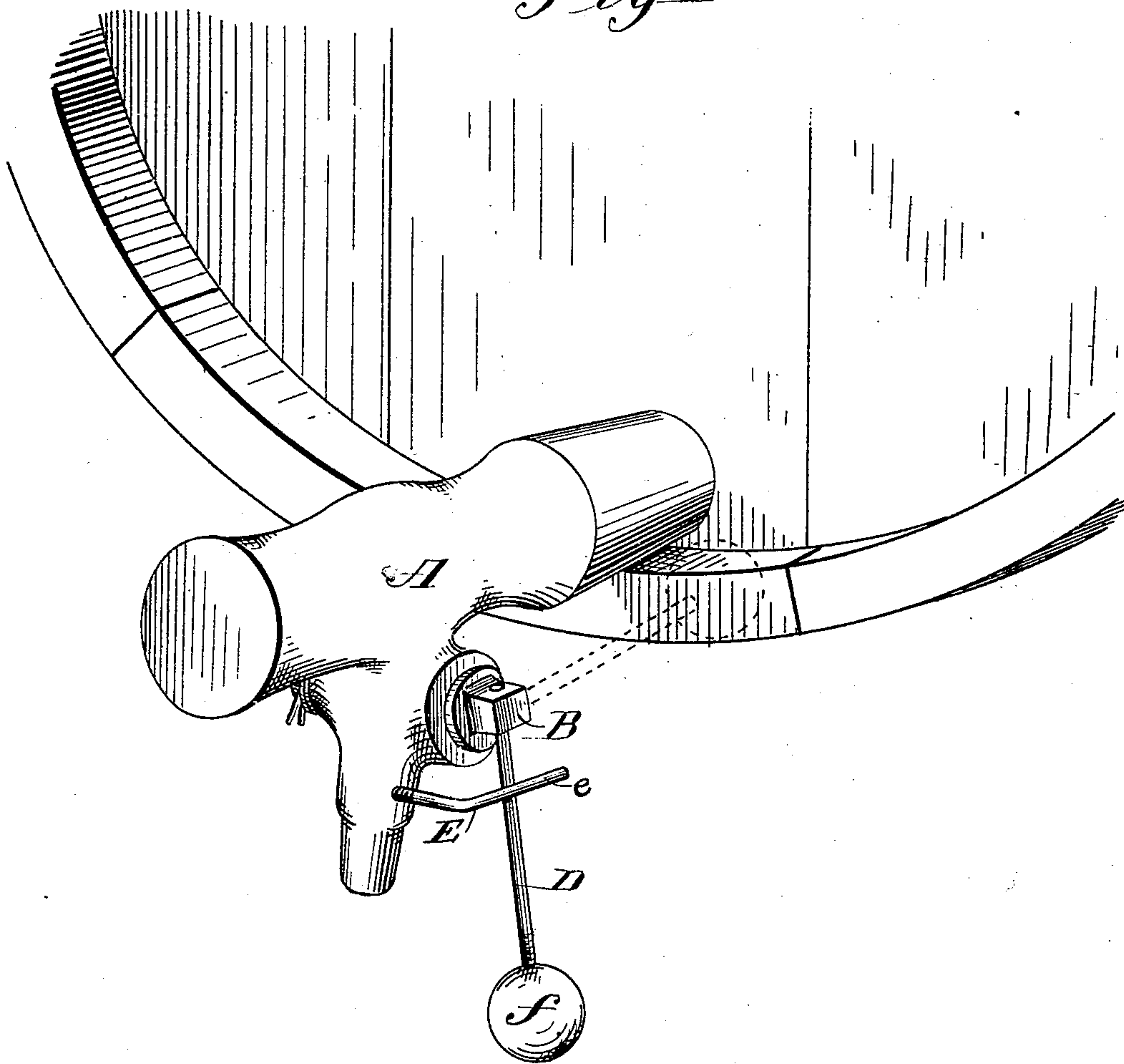
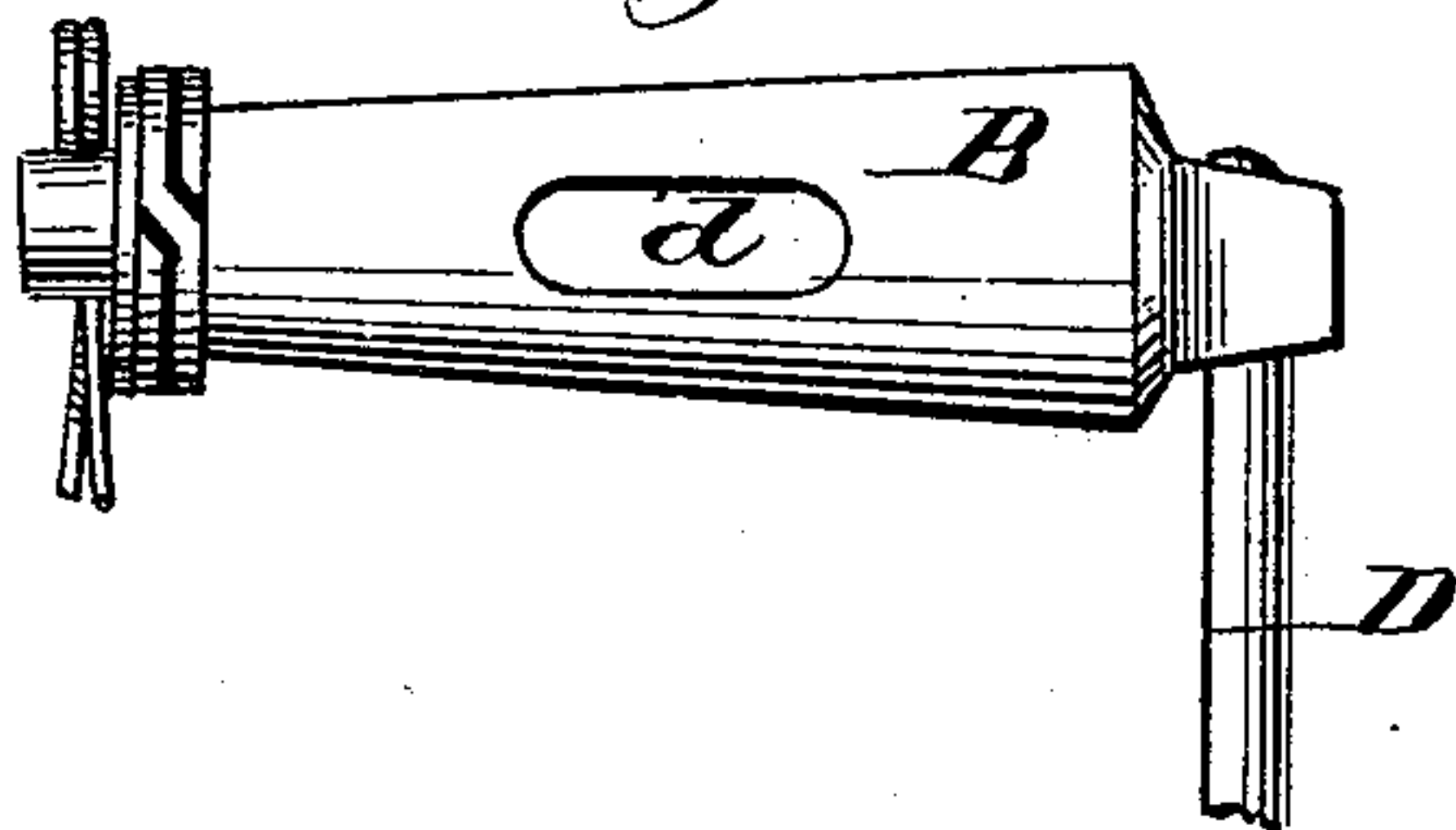


fig 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

FERDINAND MAYER, OF UNION HILL, NEW JERSEY, ASSIGNOR OF ONE-HALF TO WILLIAM F. COX, OF SAME PLACE.

SELF-CLOSING SPIGOT.

SPECIFICATION forming part of Letters Patent No. 272,732, dated February 20, 1883.

Application filed December 19, 1882. (No model.)

To all whom it may concern :

Be it known that I, FERDINAND MAYER, of Union Hill, in the county of Hudson and State of New Jersey, have invented a new and Improved Self-Closing Spigot, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view, showing my new and improved spigot placed in the head of a barrel or cask, and Fig. 2 is a plan view of the plug removed from the main body or shell of the spigot.

The main body or casing A and the plug B of the spigot are of the ordinary form and construction, except that the plug has no handle as such. In place of a handle, the plug B is provided with the long arm or rod D, which is placed at right angles to the passage *d* through the plug, and has the weight *f* at its outer end, which normally holds the plug B turned to close the spigot.

E is a bent rod screwed into the spigot, which serves, by means of its outer diagonal arm, *e*, against which the rod D comes in closing the plug B, to force the plug firmly into its seat in the body or casing A to tightly close the spigot. This bent rod E is by preference made adjustable by means of its screw-thread and the screw-tap in the spigot in which it is screwed, so that it may be set in the proper relation to the rod D to always properly do its work, and the weight *f* is by preference made adjustable by being screwed upon the rod D,

as shown in Fig. 1, so that it may be moved to or from the plug, as circumstances require, to cause it to properly turn the plug and close the spigot.

In use, to open the spigot, the rod D and weight *f* are to be raised to the position shown in dotted lines in Fig. 1, which may be done by pressing the glass or other receptacle for the liquid against it in the act of placing or holding the receptacle under the spigot. In this manner, upon removing the glass or receptacle from under the spigot, the rod D and weight *f* will automatically drop to their original position and close the spigot, and in their descent the rod D will come against the inclined arm *e* of the rod E, and thus cause the plug B to be forced home in its seat in the body A, thus properly and tightly closing the spigot.

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

1. The self-closing spigot herein shown and described, consisting of the body A, plug B, arm D, weight *f*, and bent rod E, substantially as and for the purposes described.

2. The combination, with the body A and plug B of the spigot, of the arm E, having face or portion *e* inclined to the plane of motion of the weighted arm D for automatically forcing plug B tightly to its seat on the fall of the arm D, substantially as shown and described.

F. MAYER.

Witnesses:

HENRY L. GOODWIN,
C. SEDGWICK.