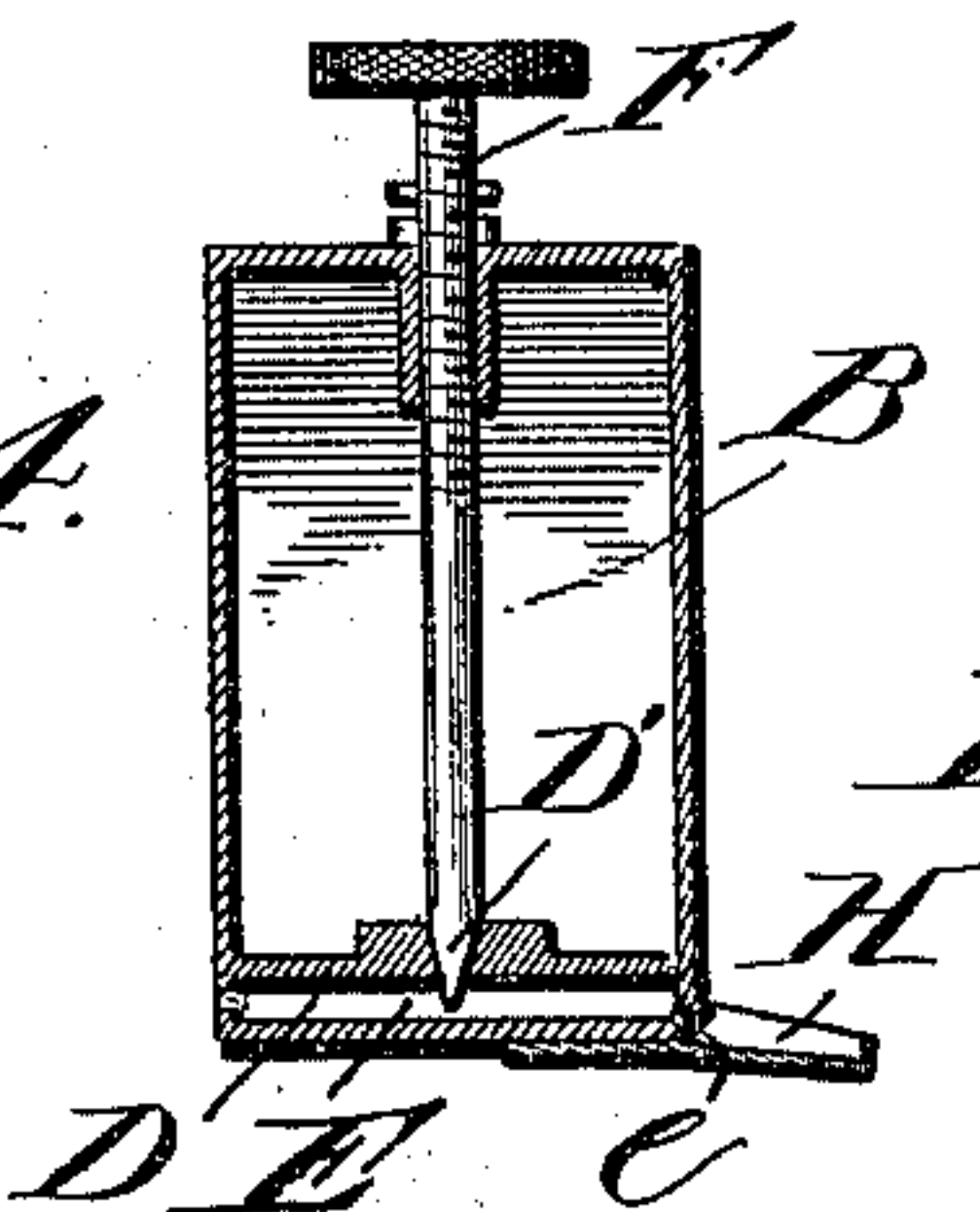
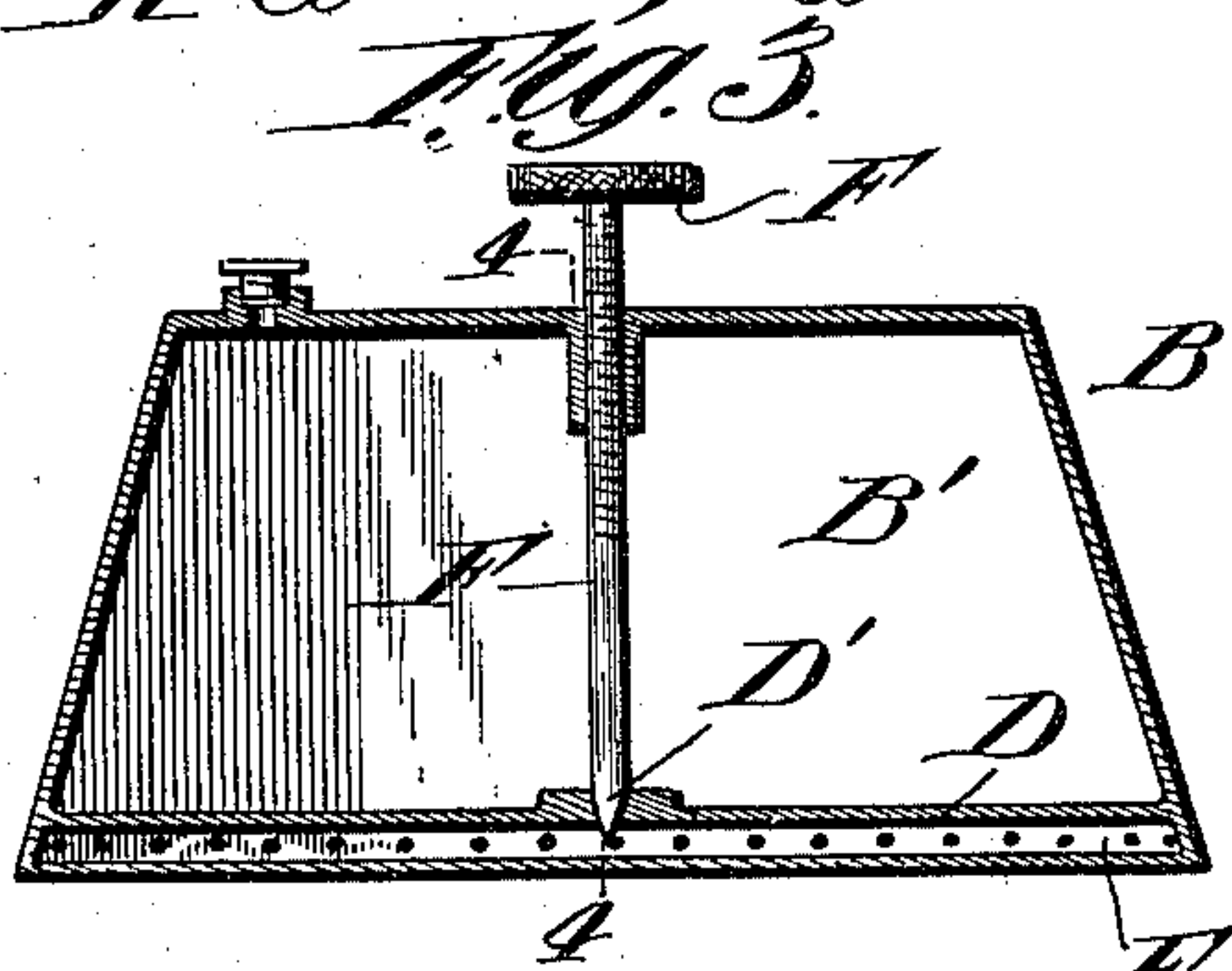
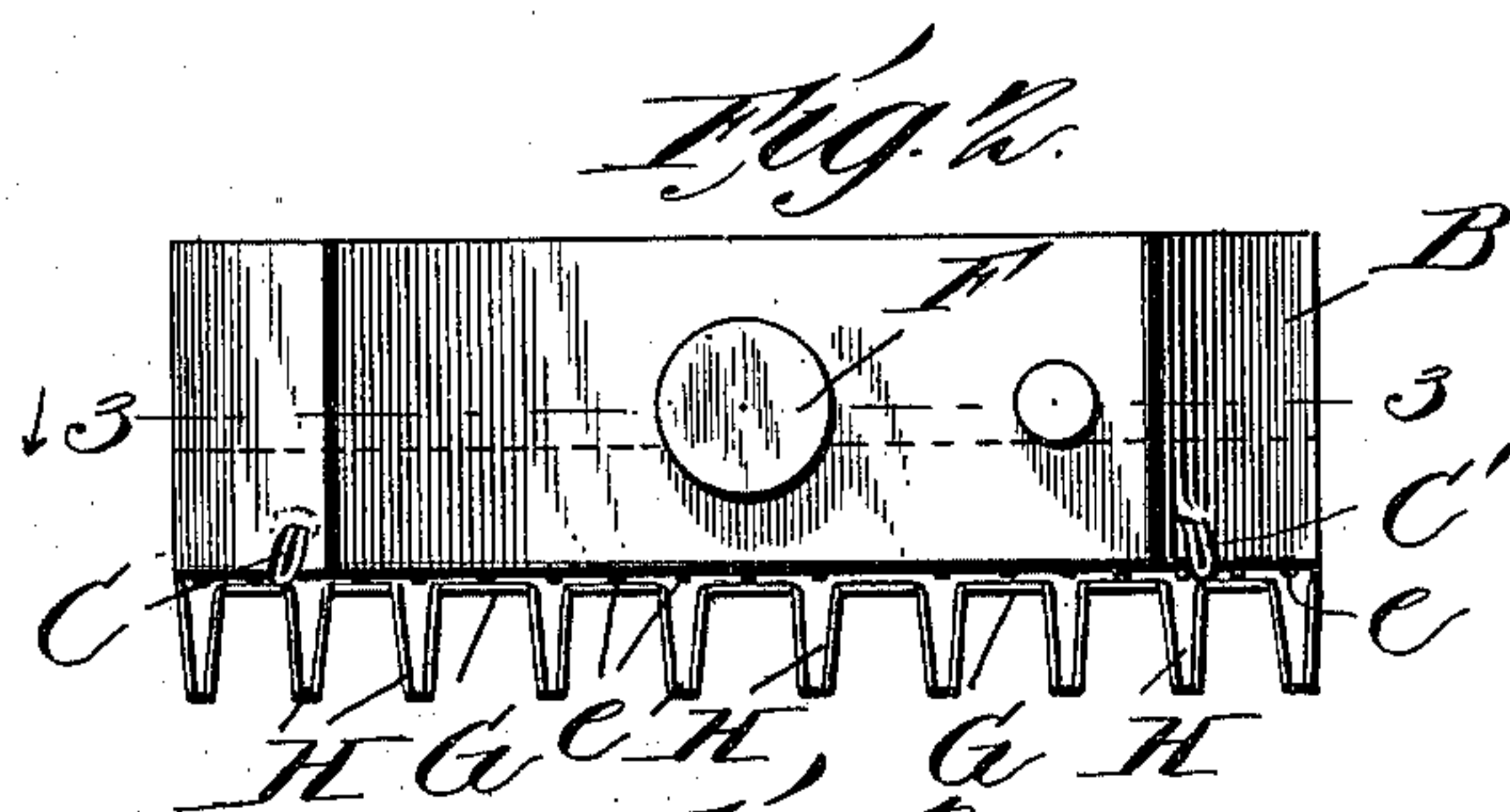
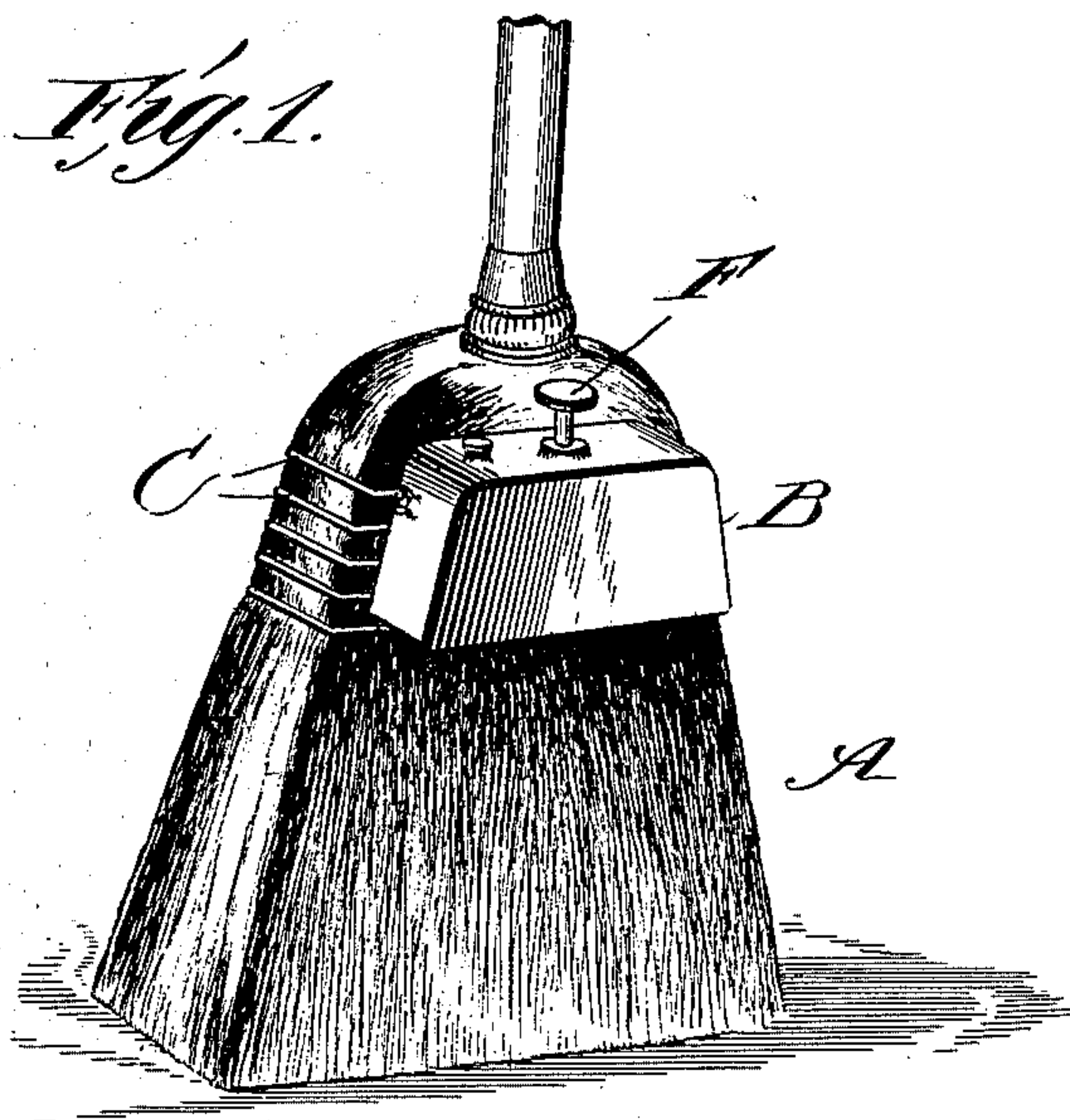


No. 734,887.

PATENTED JULY 28, 1903.

I. P. KILGORE.
BROOM ATTACHMENT.
APPLICATION FILED JAN. 22, 1903.

NO MODEL.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ISAAC PINE KILGORE, OF WESTPOINT, ILLINOIS.

BROOM ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 734,887, dated July 28, 1903.

Application filed January 22, 1903. Serial No. 140,168. (No model.)

To all whom it may concern:

Be it known that I, ISAAC PINE KILGORE, a citizen of the United States, and a resident of Westpoint, in the county of Hancock and State of Illinois, have made certain new and useful Improvements in Broom Attachments, of which the following is a specification.

My invention is an improvement in broom attachments, being in the nature of an oiler for brooms whereby oil may be supplied to the brooms in any desired amount for the purpose of oiling floors, &c.; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a broom provided with my improvements. Fig. 2 is a top plan view of the oil-can. Fig. 3 is a vertical cross-section thereof on about line 3 3 of Fig. 2, and Fig. 4 is a cross-section on about line 4 4 of Fig. 3.

The broom A may be of suitable construction, and the box or can B is secured to one side of the broom. It may be by means of wires C, passing through loops or eyes C' near the top of the can, as shown in Figs. 1 and 2. The can B is provided with a false bottom B', which provides below it a chamber E, to which the oil may pass from the main chamber B' of the can B under the control of the valve F, which seats at D' in an opening provided in the false bottom D, as shown in Figs. 3 and 4. By means of this valve the amount of oil permitted to pass to the chamber E may be regulated, and such chamber may be filled at intervals from the chamber B' and the supply then shut off by the valve F, so a limited amount of oil may be supplied to the chamber E under the control of the operator. Openings are provided at e at one side of the can B, leading to the trough G, which extends along the said side of the can at the bottom thereof and with which communicate the inner ends of the spouts H, which taper toward their outer ends, so they may readily enter between the straws of the broom and discharge the oil to the interior of the broom, the trough G, which extends along the side of the can, operating to discharge the oil evenly to the different spouts H, as desired.

By preference the spouts H incline downwardly toward their outer ends, so the oil

will flow freely therefrom into the broom as desired.

In the use of my invention kerosene and gasolene may be supplied to the can and fed under the control of the valve F to the distributing-chamber E, whence it may be discharged to the several nozzles, which are so formed as to deliver the oil directly to the interior of the broom, so it will pass down and be distributed to the lower ends of the straws of the broom for application to the floor or otherwise, as may be desired.

It will be noticed my invention is applicable to the ordinary brooms on the market and may be applied thereto by the purchasers of the can, as will be readily understood from Figs. 1 and 2.

The open trough G, connecting and establishing communication between the inner ends of the several open spouts, is an important feature, as by it the oil may circulate between the different spouts, so that if the opening e for feeding any one spout should become clogged or stopped for any reason the oil will circulate along the trough from the other openings e, so that all the spouts will be supplied at all times.

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

The broom-oiler herein described consisting of the can having a main chamber provided with a top, a false bottom and a chamber below said false bottom and having an opening in the false bottom for the passage of oil from the main chamber into the chamber below the false bottom, a valve controlling said opening and having a stem or shaft threaded in the top of the can, a trough extending along the side of the lower chamber of the broom-oiler adjacent to the bottom thereof, openings being provided in series in the side of the can for the flow of the oil into the said trough and the series of spouts leading from the outer edge of said trough to discharge the oil to the broom, the trough establishing communication between the inner ends of the several spouts, substantially as and for the purpose set forth.

ISAAC PINE KILGORE.

Witnesses:

GEO. W. WOLF,
JOHN McCUNE.