

JAMES BURSON'S
Improved Adjustable Oil - Cup.

118194

PATENTED AUG 22 1871

Fig. 2.

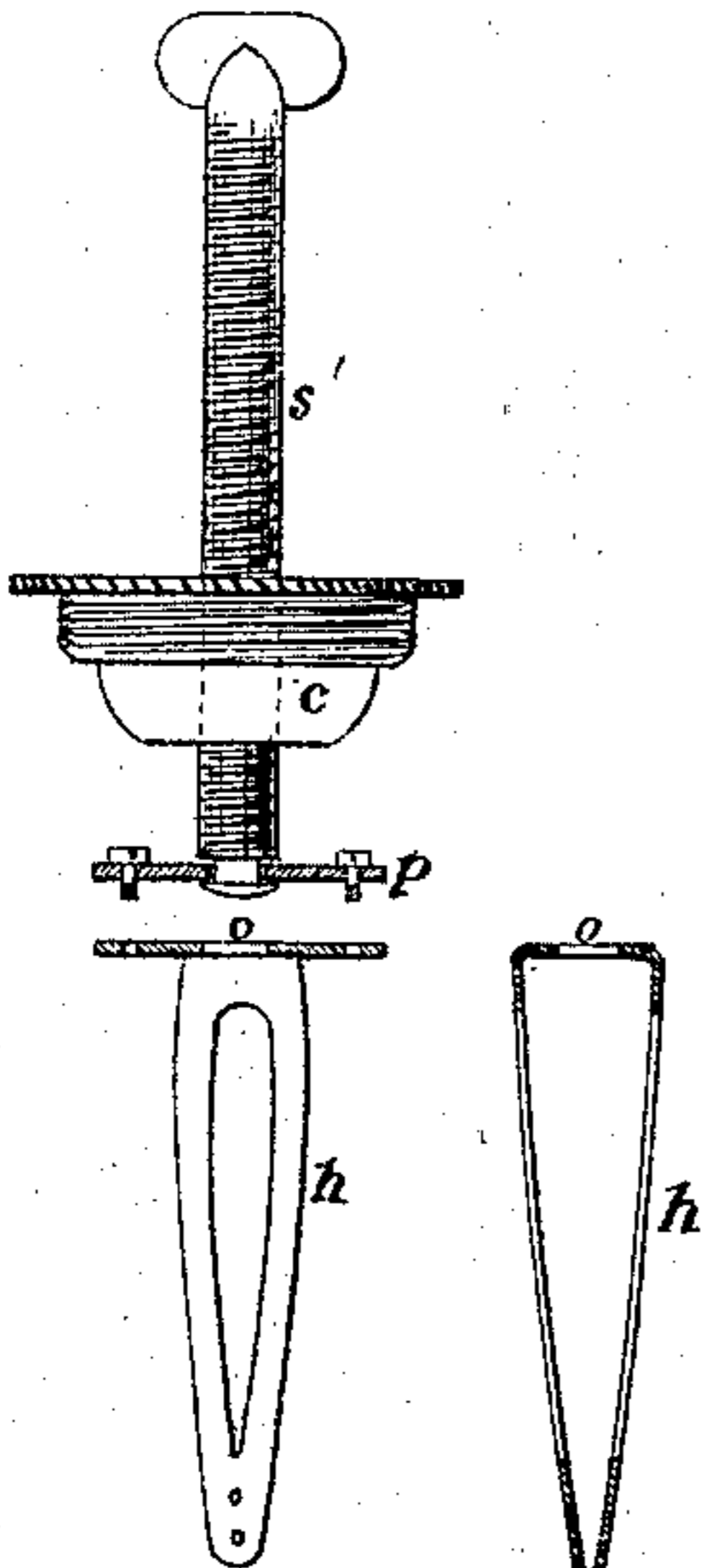


Fig. 3.

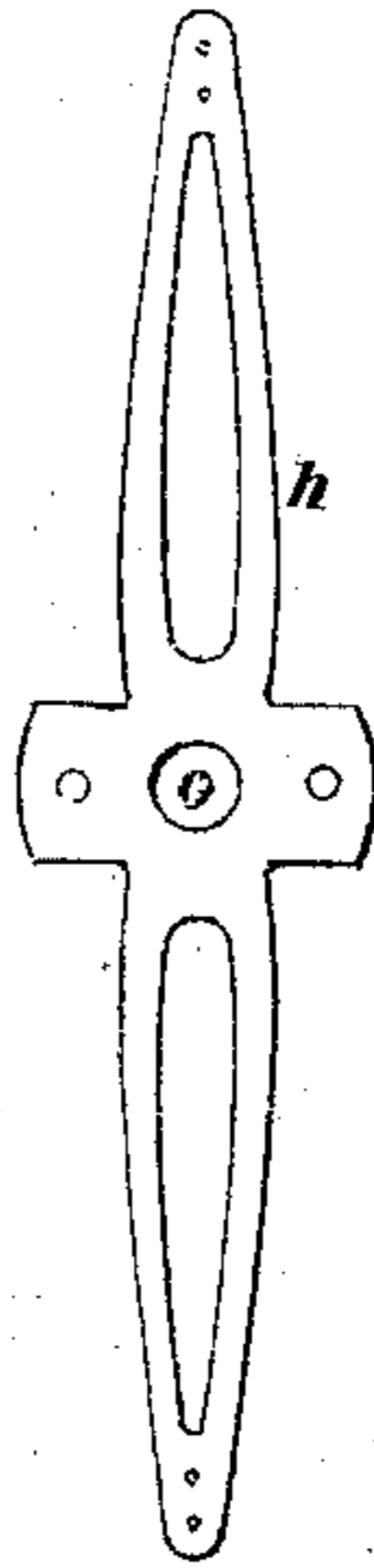
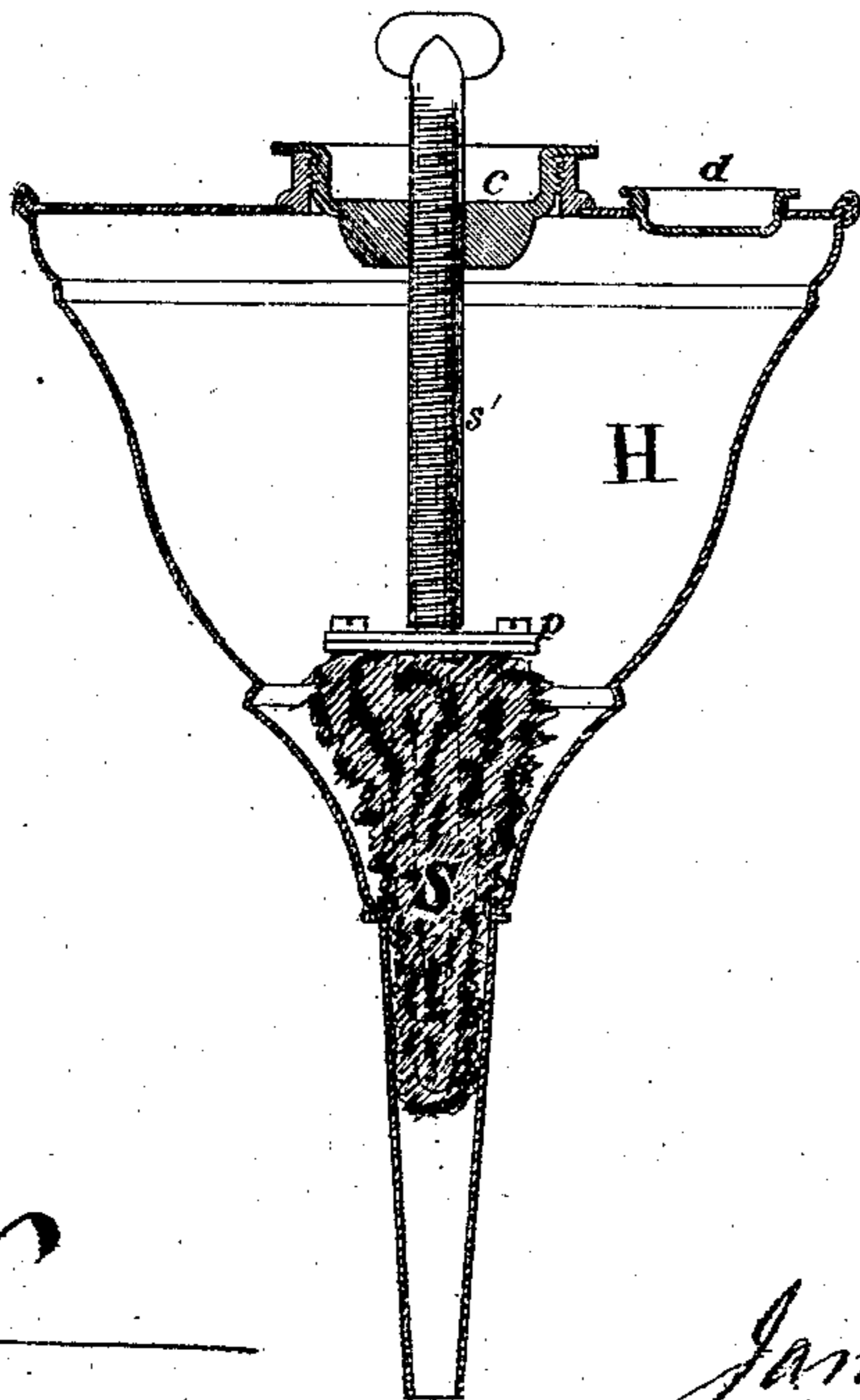


Fig. 1.



Witnesses:
Wm. Sadler
Andrew Gou

James Burson

UNITED STATES PATENT OFFICE.

JAMES BURSON, OF YATES CITY, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT
TO HENRY WHITALL.

IMPROVEMENT IN OIL-CANS.

Specification forming part of Letters Patent No. 118,194, dated August 22, 1871.

To all whom it may concern:

Be it known that I, JAMES BURSON, of Yates City, in the county of Knox and State of Illinois, have made new and useful Improvements in Oil-Cups for Journal-Bearings and other parts of Machinery; and I do declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, in which—

Figure 1 is a sectional elevation of the said improved oil-cup. Fig. 2 shows a sponge-holder in two sections and an elevation of an adjuster for the sponge-holder; and Fig. 3 is a diagram of the sponge-holder in an incomplete state, showing one mode of constructing it.

I take an ordinary spring-bottom oil-can, H, or any other vessel of suitable shape having a nozzle suited to support it in an inverted position on the cap of a journal-bearing, or a cross-head, or the like, by fitting in the oil-hole of the cap or other thing; and I fit a sponge-stopper or regulator, S, in the said nozzle at the base, as shown, having a screw-threaded adjuster, S', extending up through the bottom of the cup, or a screw-plug, c, therein. This regulator is pressed into the nozzle more or less, according to the amount

of oil required to be delivered in a given time. The stopper or regulator may consist of any convenient metal holder for the sponge; but a simple way of constructing such holders will be in striking out a piece of sheet metal in the form represented in Fig. 3, then bending it into the form represented by the two sectional figures in Fig. 2, and then screwing the top to the plate P, swiveled to the lower end of screw S', as clearly indicated, thus forming a holder, to which the sponge may be very readily and securely connected.

I do not limit myself to the employment of sponge for the regulator, for cloth and wool and some other substances will answer very well.

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

1. The improved oil-cup for machinery, consisting of the inverted oil-can H, the sponge-regulator S, and the adjuster S', all combined and arranged substantially as specified.

2. The sponge-holder, constructed and connected to the adjuster S', substantially as specified.

Witnesses:

JAMES BURSON.

THO. SADLER,
ANDREW GOW.