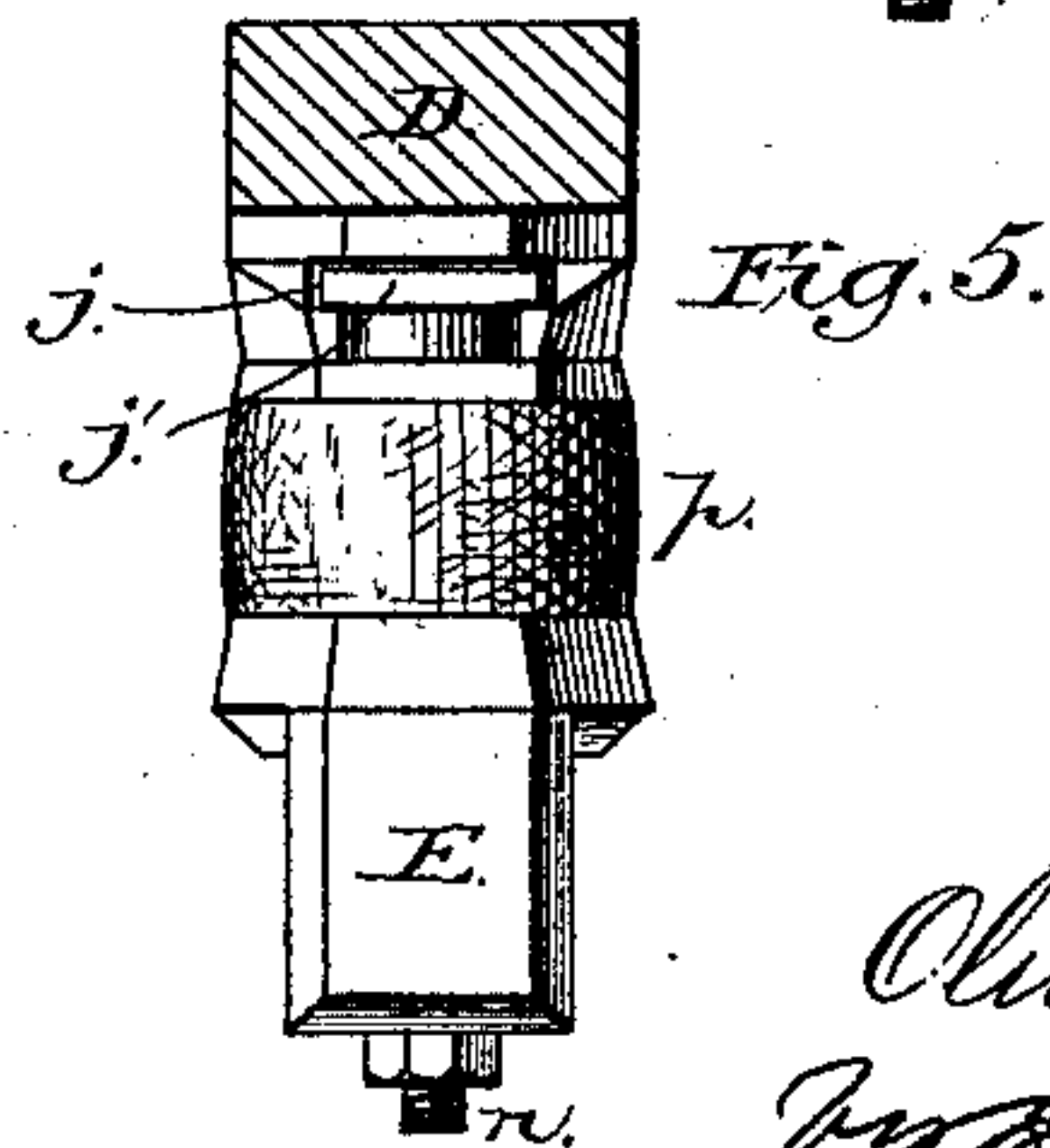
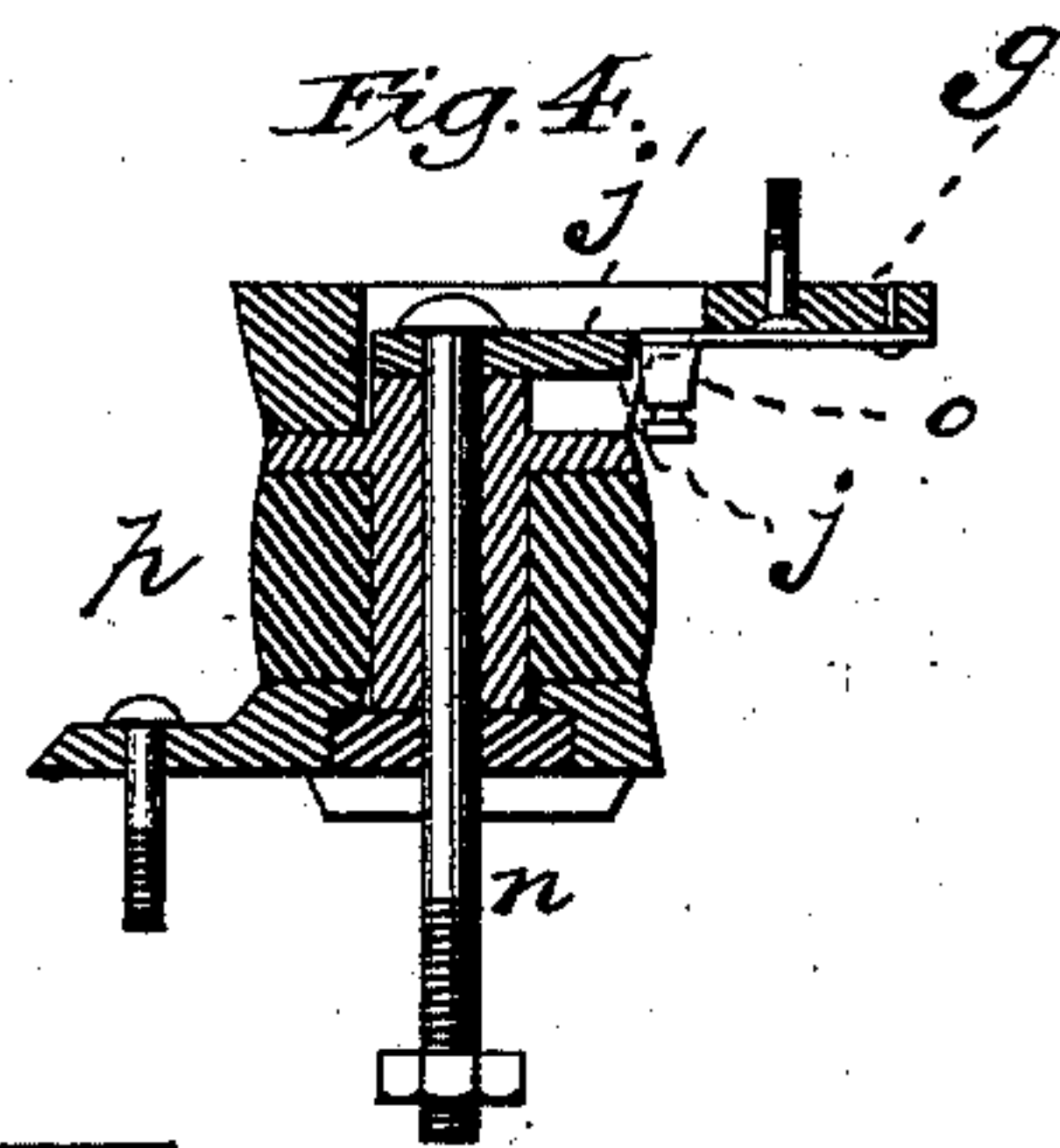
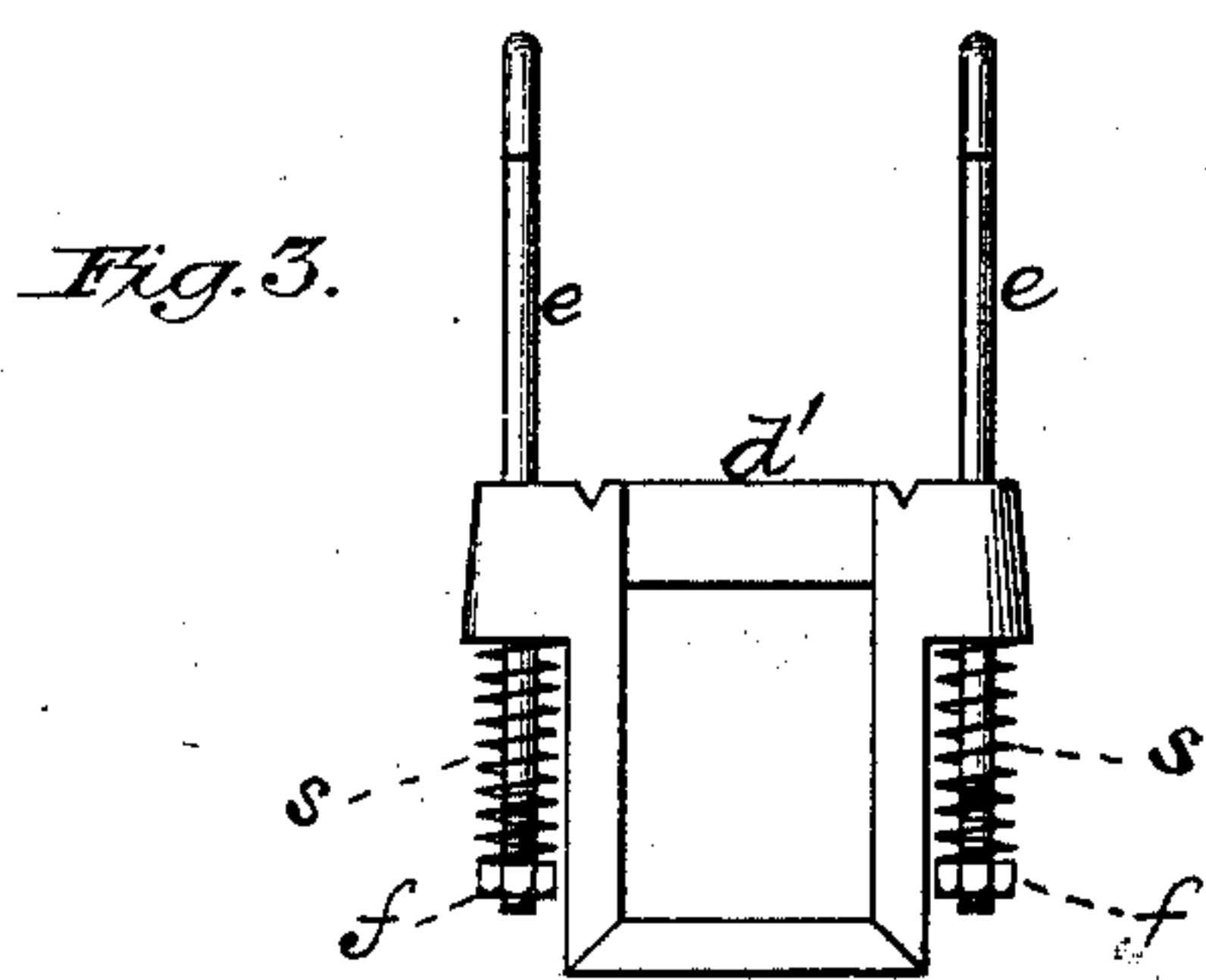
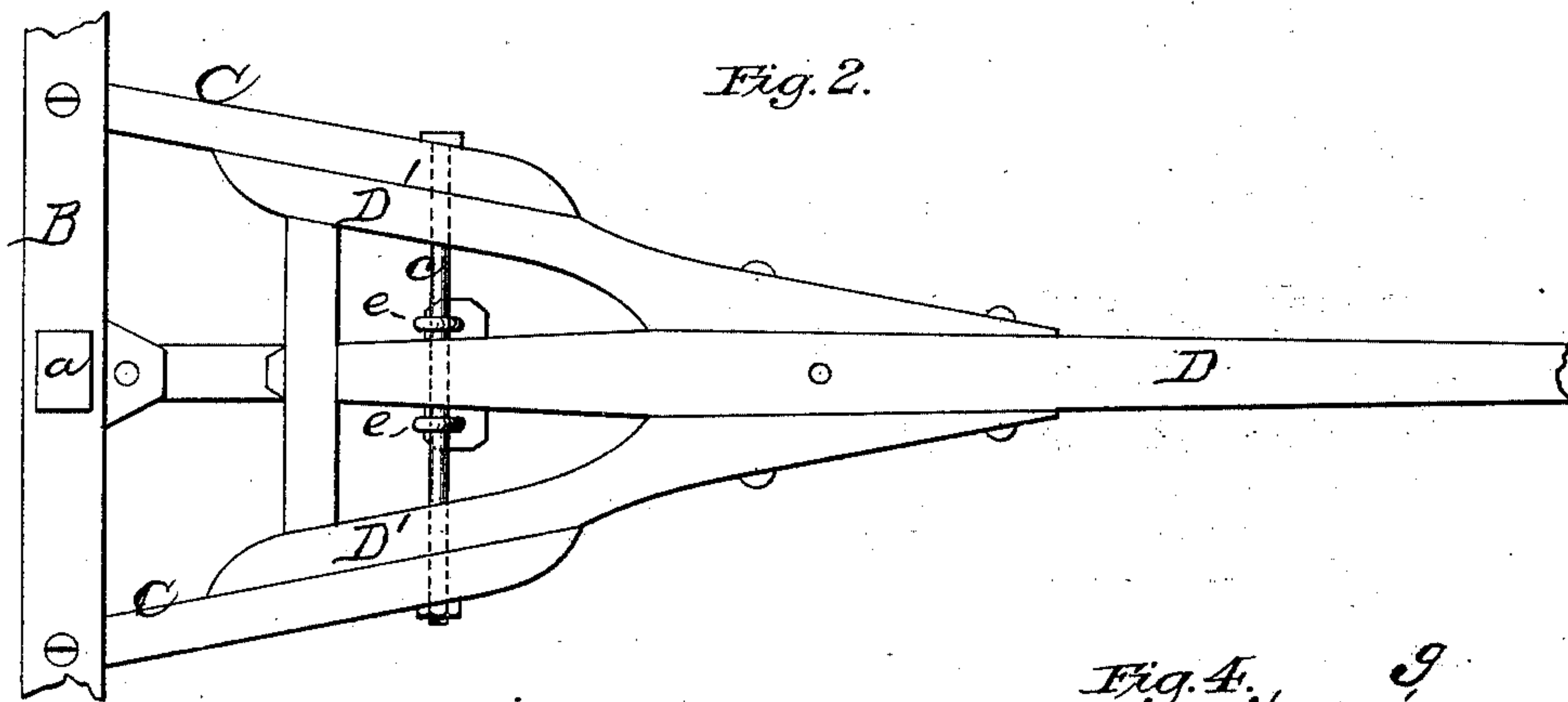
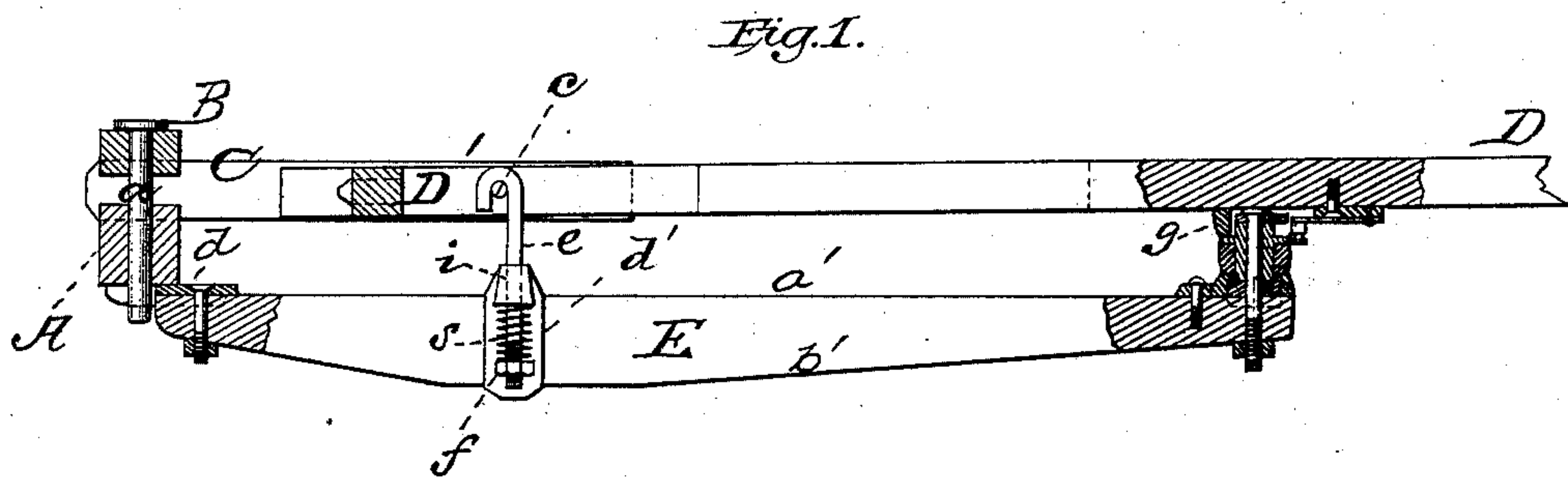


O. HEBERT.  
Tongue-Supporter for Vehicles.

No. 223,732.

Patented Jan. 20, 1880.



WITNESSES  
John A. Lewis.  
J. B. Carpenter.

INVENTOR  
Oliver Hebert,  
By O. W. Anderson  
ATTORNEY



# UNITED STATES PATENT OFFICE.

OLIVER HEBERT, OF OSWEGO, ILLINOIS.

## TONGUE-SUPPORTER FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 223,732, dated January 20, 1880.

Application filed July 2, 1879.

*To all whom it may concern :*

Be it known that I, OLIVER HEBERT, of Oswego, in the county of Kendall and State of Illinois, have invented a new and valuable  
5 Improvement in Wagon-Tongue Supporters; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a  
10 part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal vertical section of a tongue, showing my supporter. Fig. 2 is a top view  
15 of the same; and Figs. 3, 4, and 5 are details.

This invention has for its object the improvement of wagon-tongue supporters; and the nature of the invention consists in the combination, with a vehicle-tongue having vertical  
20 play with reference to the hounds, of a sliding supporting-bar suspended by an elastic bearing at or near its middle portion from the pivot-bolt of the tongue, extending at its rear end under the axle and straddling the king-bolt, and removably attached to the tongue at its  
25 front end, as will be hereinafter more fully described.

In the accompanying drawings, the letter A designates the front axle; B, the bolster; a, the king-bolt extending through the same; C,  
30 the wagon-hounds; D, the tongue, and D' the tongue-hounds fitting between the wagon-hounds and pivoted thereto by means of the usual bolt c. E indicates the supporting-bar, usually of wood, and having a straight upper  
35 edge, a', and an angular lower edge, b', to secure greater rigidity. The supporting-bar has at its rear end a forked metallic plate, d, that straddles the king-bolt, and is provided directly under the pivot-bolt with a loose collar,  
40 d', having at its upper edge the laterally-projecting eyes i.

e e indicate metallic rods depending from the pivot-bolt c, and extending through the eyes i. These hangers e are usually hooked  
45 over bolt c, and are screw-threaded at their lower parts to receive a nut, f, between which and the eyes i is a coil-spring, s, the resilience of which may be regulated by setting up the said nut. Upon the under side of the tongue  
50 is secured a metallic catch-plate, g, having formed in it in the length of the said tongue a dovetailed groove, j, open at its front end and closed in rear. On the upper side of the supporting-bar at its front end is a sliding bearing-plate, p, usually made in two sections, and  
55 having an interposed rubber disk. These parts are clamped together by a through-bolt, n, and the upper section has a dovetail tenon, j', that is received in the groove j, and confined thereto by a vibrating latch, o, pivoted to plate g. By throwing this latch aside the supporting-bar may be drawn endwise to the front, and when its forked end is released from the axle the tongue lowered, with its free end  
65 on the ground.

What I claim as new, and desire to secure by Letters Patent, is—

The sliding supporting-bar for a wagon-tongue, having the forked rear end, d, to engage the king-bolt, and sliding front bearing,  
70 p, to engage a catch-plate, g, on the tongue, in combination with the loose collar d', suspended from the pivot-bolt of the tongue by hangers e and springs s, substantially as specified.  
75

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

OLIVER HEBERT.

Witnesses:

A. S. DWYRE,  
D. M. HAIGHT.