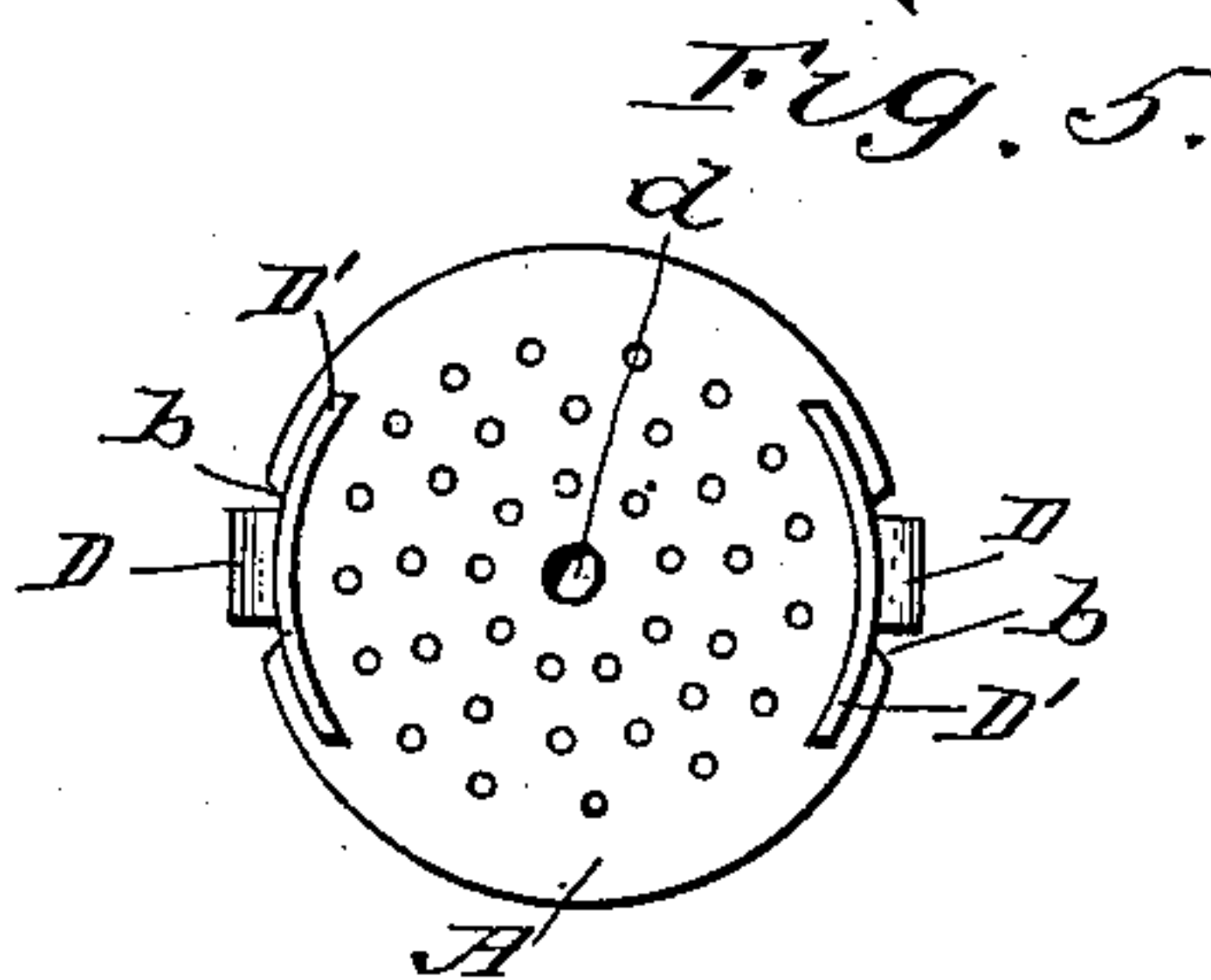
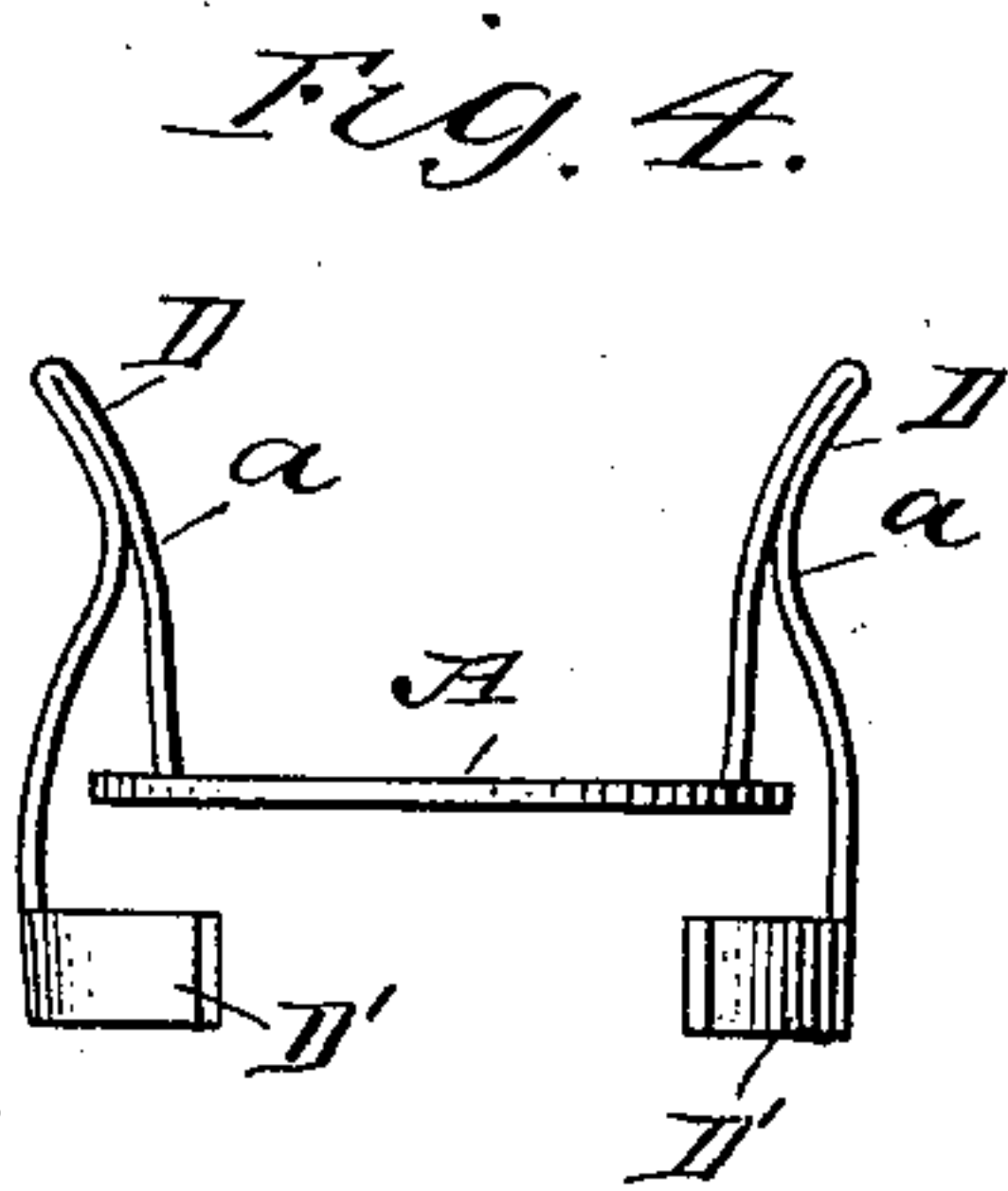
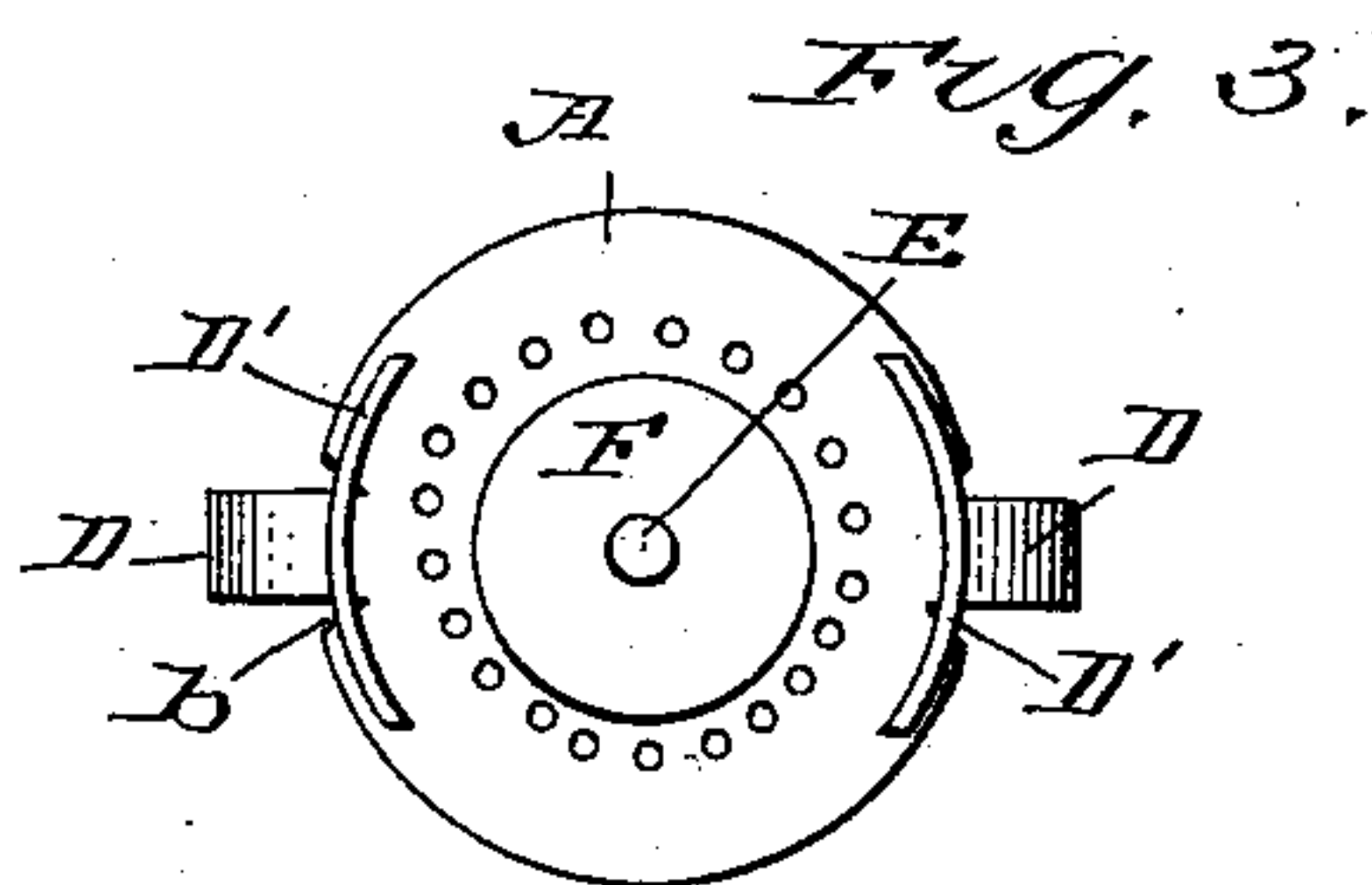
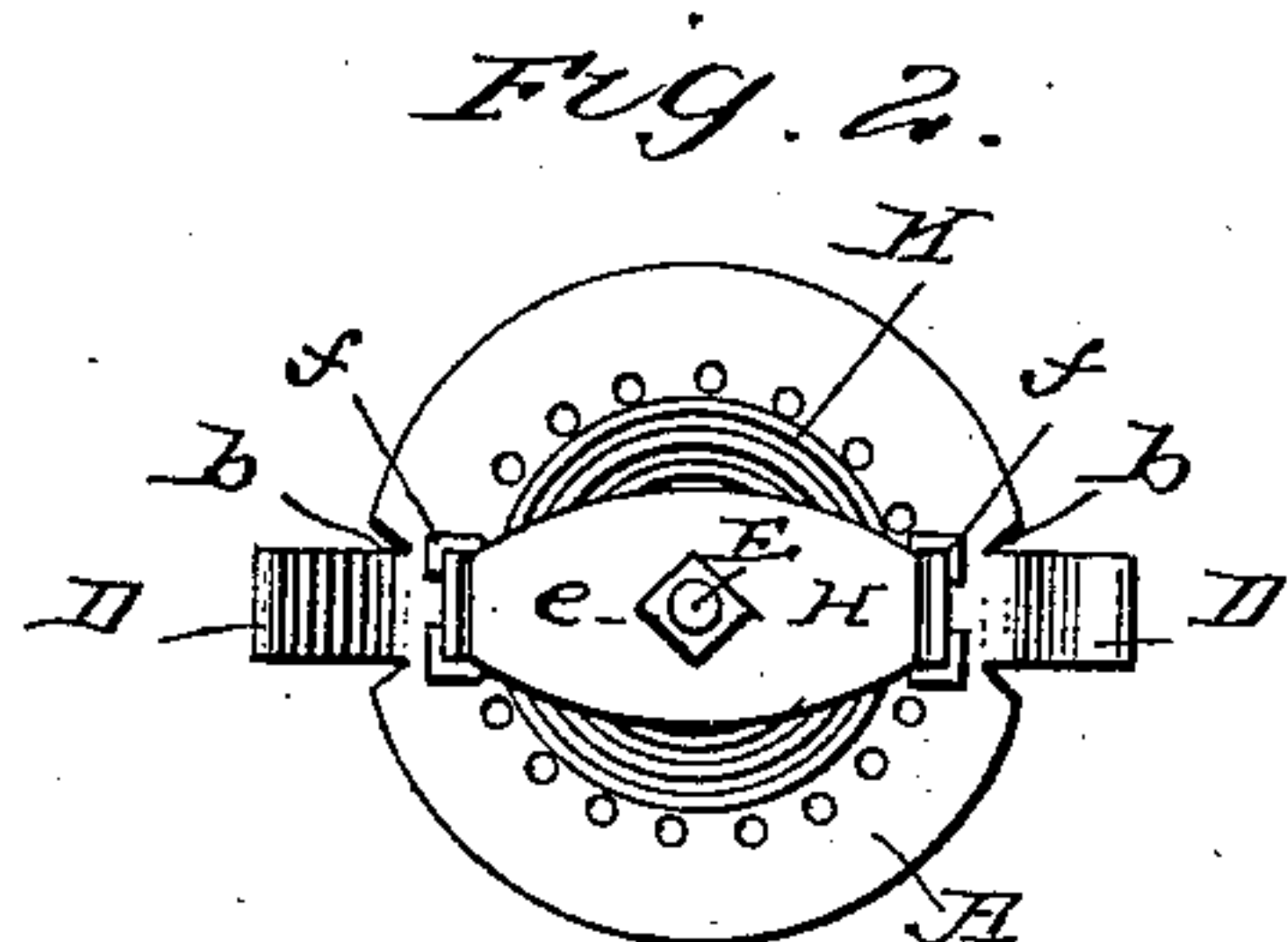
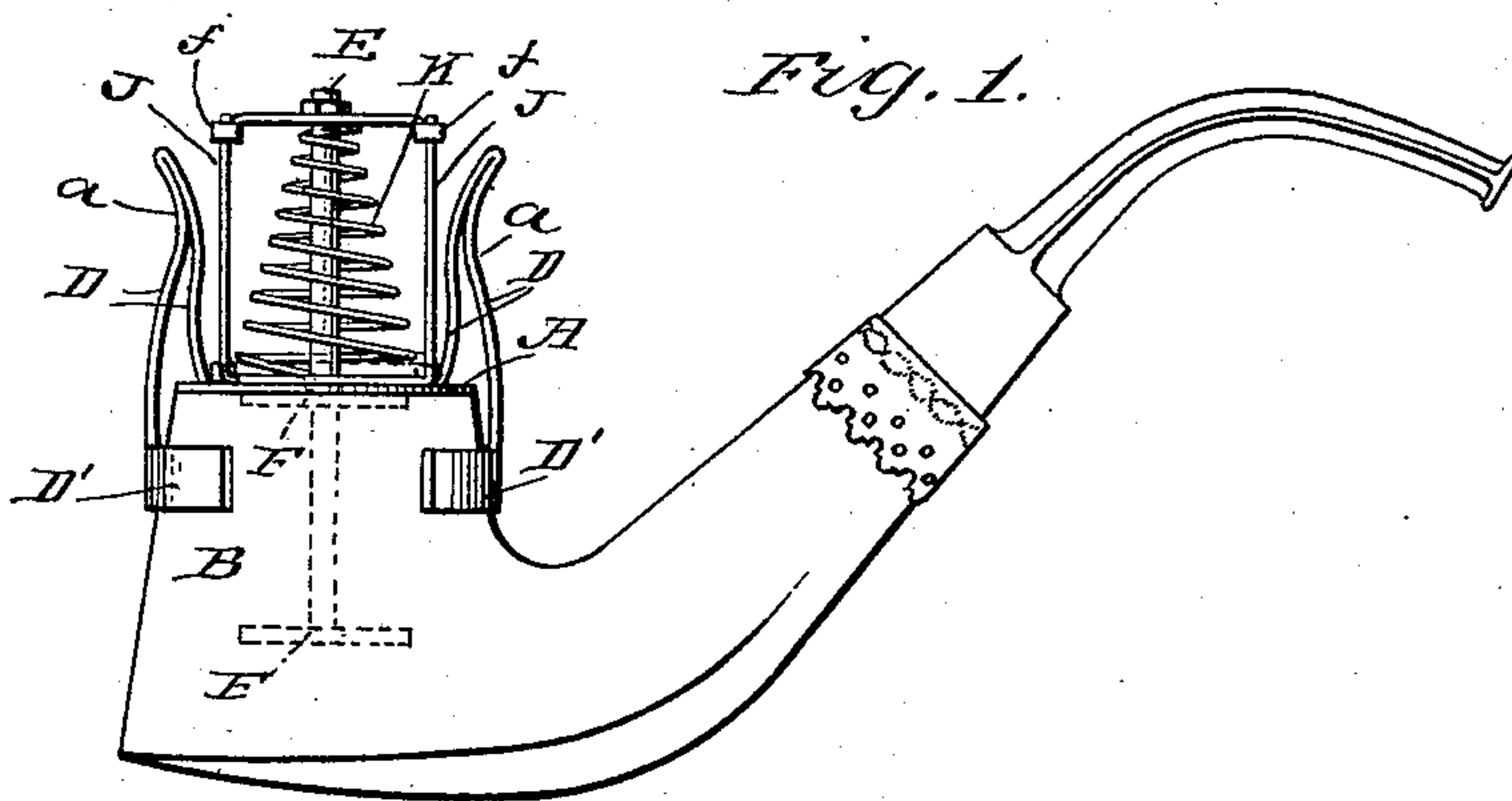


(No Model.)

M. L. SCHOCH.  
TOBACCO PIPE TOP AND STUFFER.

No. 427,915.

Patented May 13, 1890.



WITNESSES:

W. R. Davis.  
C. Sedgwick

INVENTOR:

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# UNITED STATES PATENT OFFICE.

MARTIN L. SCHOCH, OF NEW BERLIN, PENNSYLVANIA.

## TOBACCO-PIPE TOP AND STUFFER.

SPECIFICATION forming part of Letters Patent No. 427,915, dated May 13, 1890.

Application filed February 5, 1890. Serial No. 339,304. (No model.)

*To all whom it may concern:*

Be it known that I, MARTIN L. SCHOCH, of New Berlin, in the county of Union and State of Pennsylvania, have invented a new and Improved Tobacco-Pipe Top and Stuffer, of which the following is a full, clear, and exact description.

My invention relates to improvements in tops or covers for ordinary tobacco-pipes and in a stuffer for the same; and the object of my invention is to provide a simple and convenient top or cover for a pipe that can be instantly attached or removed, that will prevent the tobacco from blowing away, that will prevent the pipe from dropping fire, and by means of which the tobacco in the pipe may be stuffed or compactly packed into the pipe-bowl without removing the cover.

To this end my invention consists in certain features of construction and combination of parts that will be hereinafter fully described, and specifically pointed out in the claims.

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

Figure 1 is a side elevation of a pipe provided with my invention; Fig. 2, a plan view of my invention detached from the pipe-bowl; Fig. 3, an inverted plan of the same; Fig. 4, a side elevation of the top or cover with the stuffer removed, and Fig. 5 an inverted plan view of the same.

The top plate A is made of a suitable size to cover the top of a pipe-bowl B and is provided with numerous perforations, as shown, through which air may pass to the pipe-bowl, and may be made of any suitable material. The top plate A is provided upon opposite edges with upwardly-curved arms D, which are doubled over at the top, and, extending downwardly to a point below the plate, terminate in curved T-shaped feet D', which clasp the pipe-bowl B, and hold the cover or top in position thereon. The plate A, the arms D, and the feet D' may all be formed from a single piece of metal, which should have sufficient spring to enable the feet to firmly clasp the pipe-bowl B. The tops of the arms D are curved outwardly from the points a, so that by pressing

inwardly upon the tops of the arms the feet D' will be forced apart, thus allowing the top to be easily removed or placed in position. Upon removing the pressure upon the tops of the arms the feet D' will immediately spring into proper position. The spring of the arms D will make the feet D' adjustable, so that the top may be applied to bowls of various sizes, and the plate A may be cut away at the points b, so as to bring the arms D nearer the center of the plate, thus increasing the pressure of the feet D' upon the pipe-bowl. A rod E projects through a hole d in the center of the plate A, and is vertically movable therein.

To the lower end of the rod E is fixed a stuffer-plate F, which is of such a size that it will fit easily within the pipe-bowl B, and the upper extremity of the rod is removably attached to a finger-plate H by a nut e; but it may be attached in any suitable manner. The finger-plate H is preferably oblong in shape, and at each end thereof are formed ears f, which clasp the guide J, and which may slide upon the guide. The guide J consists of an inverted-U-shaped piece of metal, which is attached to the top of the plate A in such a manner that the arms thereof will extend upwardly in line with the rod E.

Between the arms of the guide J, and coiled around the rod E, is a pyramidal spiral spring K, the base of which rests upon the top plate, and the top of which supports the finger-plate H. By making the spring in this form it will allow the finger-plate H to be pressed closely down upon the plate A, as the coils of the spring when compressed will shut one within the other, and enable the spring to lie flatwise upon the top plate A. It is desirable that the finger-plate H may be pressed upon the top plate A, as by so doing a short rod E may be used, giving the device a more compact appearance than would otherwise be the case.

The pipe being filled with tobacco and the device placed in position thereon, it is operated by pressing down upon the finger-plate H. This will depress the rod E, force the stuffer-plate F into the pipe-bowl B, and force the tobacco therein into a compact mass. Upon removing the pressure the spring K will ele-



vate the finger-plate and connected parts, and the operation may be repeated as often as desired.

5 In Figs. 4 and 5 I have shown the top or cover with the stuffer attachment removed. This leaves a very convenient cover, consisting of the perforated plate A, arms D, and feet D', which are formed and attached in the manner already described.

10 The cover can be instantly attached or removed, as described. It will effectually prevent tobacco or fire from being blown from the pipe, and the perforations in the plate A will admit sufficient air to the pipe to enable  
15 the tobacco to burn freely and cause a good draft in the pipe.

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

1. The combination, with the top plate A, 20 having spring-arms D and attaching-feet D', of the vertically-movable rod E, having the stuffer-plate F and finger-plate H attached to the ends thereof, the guide J, extending upwardly from said plate to engage the clasps 25 of the finger-plate, and the pyramidal spring K, adapted to encircle the rod E and hold the finger-plate H and connected parts in elevated position, substantially as described.

2. The perforated top plate A, having the 30 spring-arms D and attaching-feet D', said plate, arms, and feet being formed from a single piece, substantially as described.

MARTIN L. SCHUCH.

Witnesses:

G. P. CAKE,  
J. D. WINTERS.