

F. SCHIMPF.
 COMBINED CLEAT AND ROSETTE.
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978,941.

Patented Dec. 20, 1910.

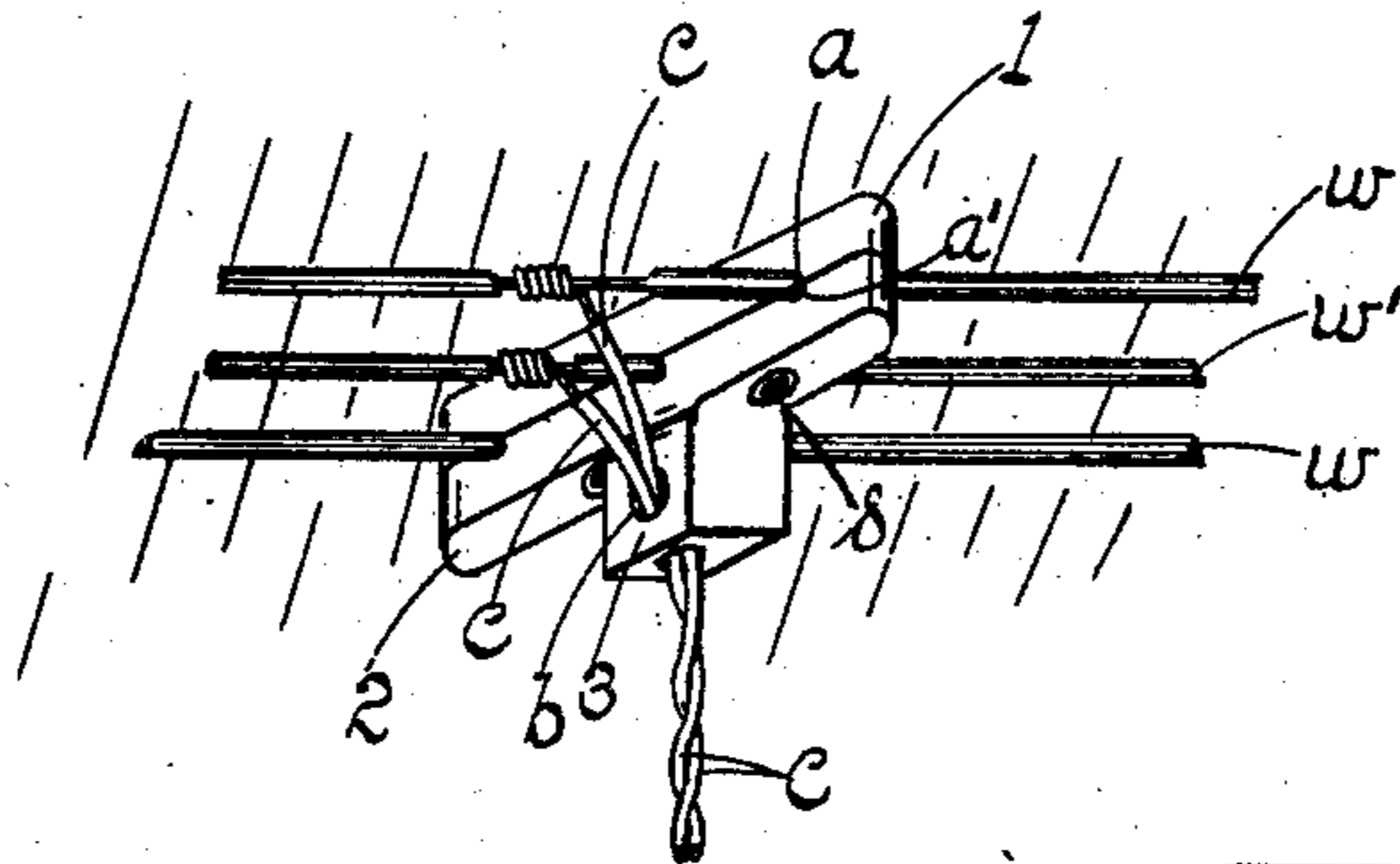


FIG. 1.

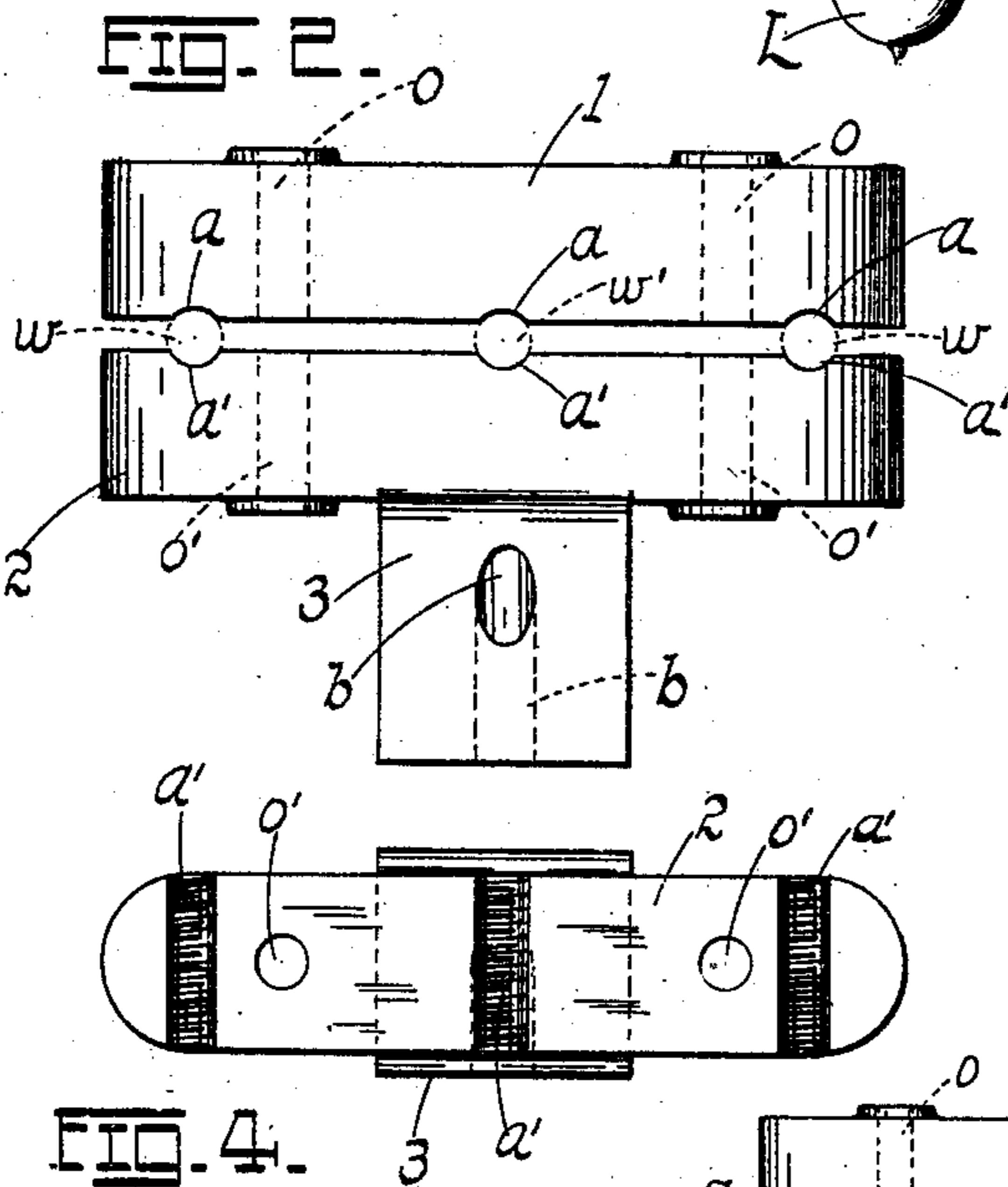
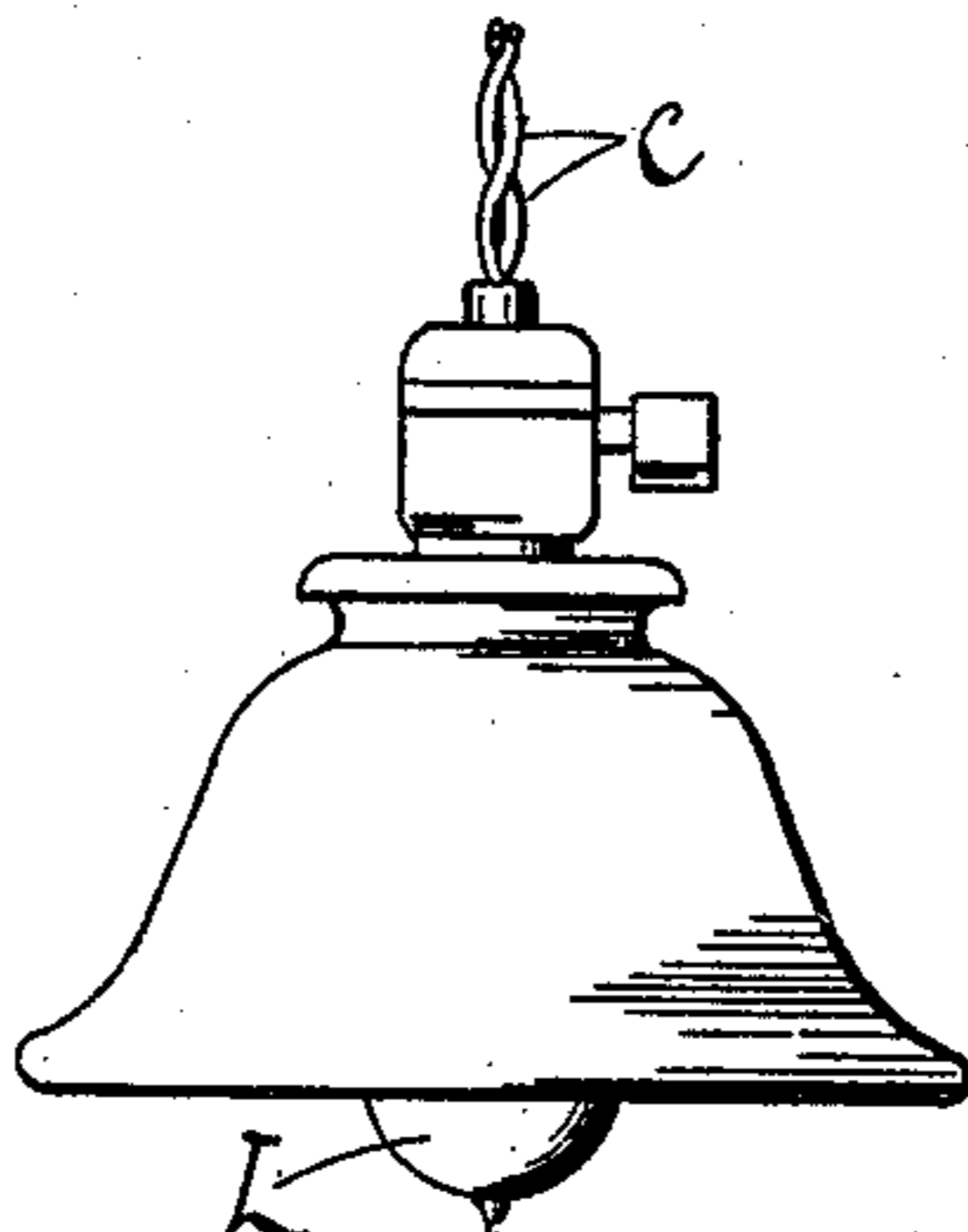


FIG. 2.

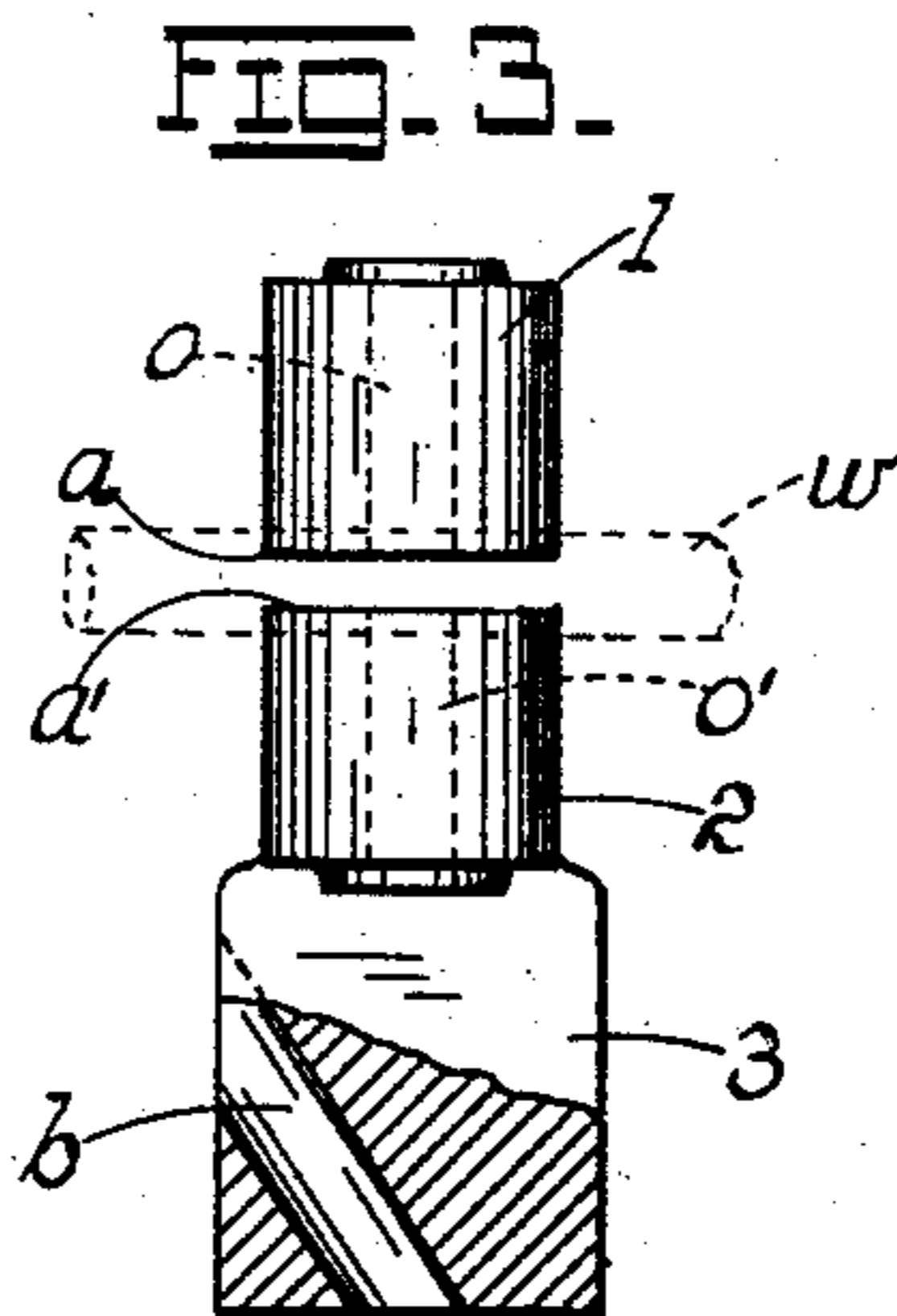


FIG. 3.

WITNESSES:
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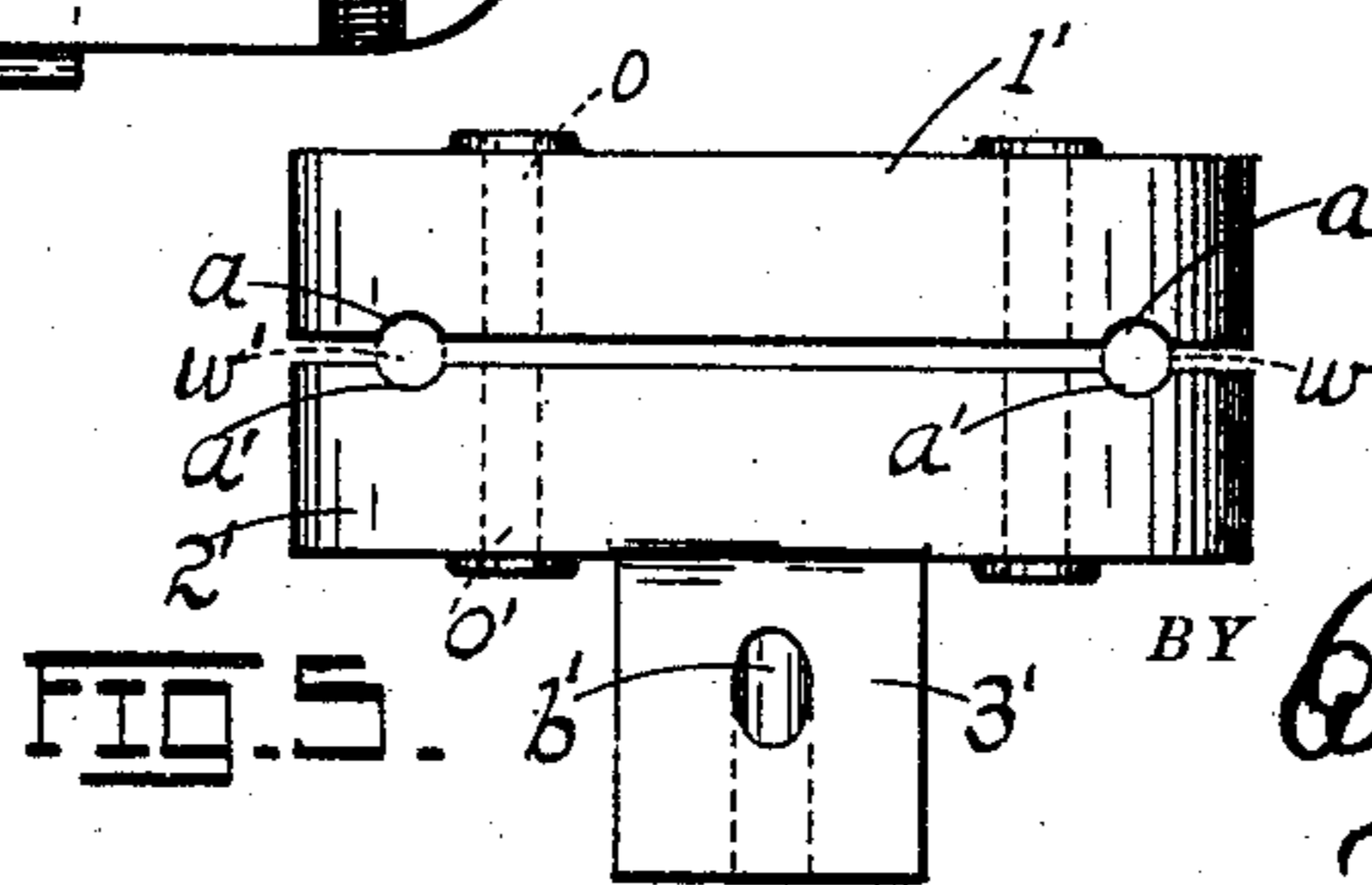


FIG. 4.

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COMBINED CLEAT AND ROSETTE.

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To all whom it may concern:

Be it known that I, FRANK SCHIMPF, citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Combined Cleats and Rosettes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention has relation to improvements in combined cleats and rosettes for electric wires; and it consists in the novel construction of fitting more fully set forth in the specification and pointed out in the claims.

In the drawings, Figure 1 is a perspective of one form of my invention with the parts assembled; Fig. 2 is a side view of the fitting, with electric wires indicated by dotted lines; Fig. 3 is an end elevation, parts being broken; Fig. 4 is an inside plan view of the clamping or outer section of the fitting; and Fig. 5 is a side view of a modification, intended for a two-wire system.

The object of my invention is to combine in a single structure or fitting the cleat and rosette usually employed for respectively securing electric light line wires and the shunt wires leading therefrom to the lamp, such an arrangement not only simplifying the structure, but dispensing with the necessity of the extra screws by which the rosette is held in place.

The invention possesses the further advantage in that it reduces the cost of the fitting, and saves time, labor and expense in attaching the same to a ceiling, wall or other fixture intended to support the same.

The fitting possesses further and other advantages better apparent from a detailed description of the invention which is as follows:

Referring to the drawings, and for the present to Figs. 1 to 4 inclusive, $w w' w$ represent the wires of a three-wire system as well understood in the art. These wires are received by the corrugated or ribbed grooves a of what may be termed the inner section 1 of the cleat, the outer section 2 being provided with registering grooves a' , which together with the grooves a form, upon assembling of the sections, tubular passages for the wires. The two sections are provided with registering openings o, o' for the insertion of securing screws s , as shown. Forming an integral part of the outer or

clamping section 2 is a (preferably central) boss 3 which is provided with a diagonal passage b , the intake end of the passage opening through the side wall of the boss, and the opposite end opening through the bottom or terminal face of the boss. This passage b receives the shunt or light wires $c c$ leading from the line wires $w w'$, the wire w' being the return or ground wire as well understood in the art. In practice of course, where a number of lamps are mounted in multiple or parallel, the wire w on one side of the return wire w' is tapped for a given lamp, the wire w on the opposite side being tapped for the next lamp and so on, all as understood in the art. The wires $c c$ are then conducted through the passage b , being inserted into the intake end and passed through the opposite end, whence they lead to the lamp L . The boss or formation 3 serves the purpose of the usual rosette.

In Fig. 5 I show a fitting for a two-wire system, the same being in all essentials the same as the first described form, except that the inner section 1' is provided with two grooves a , the clamping section 2' having corresponding grooves a' for receiving the wires $w w'$. The boss 3' has a similar passage b' , the same as in the form first described. Obviously any character of ornamentation may be given the fitting, and the same may assume various shapes.

Having described my invention what I claim is—

1. A combined cleat and rosette comprising an inner section, an outer section adapted to be secured thereto, the sections being provided with means for receiving the line wires between them, a formation on the outer section provided with a passage removed from the plane of separation of the sections for the insertion of the light wires leading from the line wires.

2. A combined cleat and rosette comprising an inner section provided with grooves for the reception of suitable lines wires, a wire-clamping section provided with registering grooves for receiving said wires, and a boss forming an integral part of the clamping section and provided with a passage removed from the plane of separation of the sections for the shunt wires leading from the line-wires.

3. A combined cleat and rosette comprising an inner section provided with grooves

for the reception of the line wires, a wire-clamping section adapted to be coupled to the inner section and provided with registering grooves for the reception of the said
5 wires, a central integral boss projecting from the outer face of the clamping section and provided with a diagonal passage removed from the plane of separation of the sections

and opening at the side and terminal walls of said boss for the purpose set forth. 10

In testimony whereof I affix my signature, in presence of two witnesses.

FRANK SCHIMPF.

Witnesses:

EMIL STAREK,

FANNIE E. WEBER.