

A. L. VICKERS.
CLEAT FOR ELECTRIC WIRES.
APPLICATION FILED SEPT. 23, 1907.

910,975.

Patented Jan. 26, 1909.

Fig. 1.

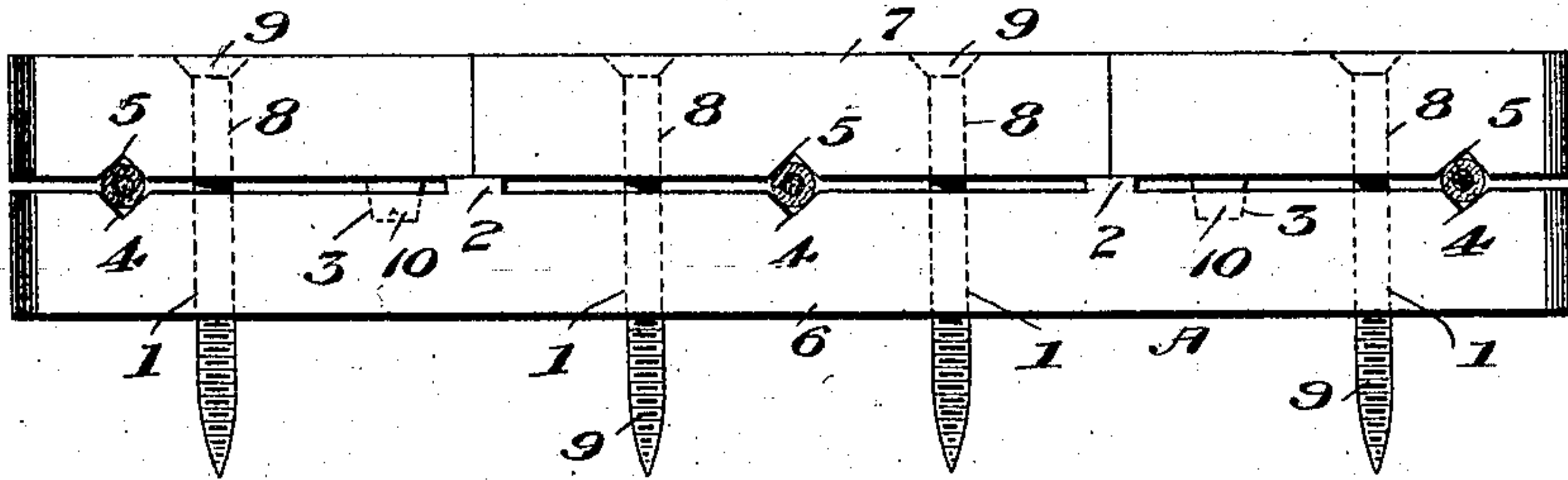


Fig. 2.

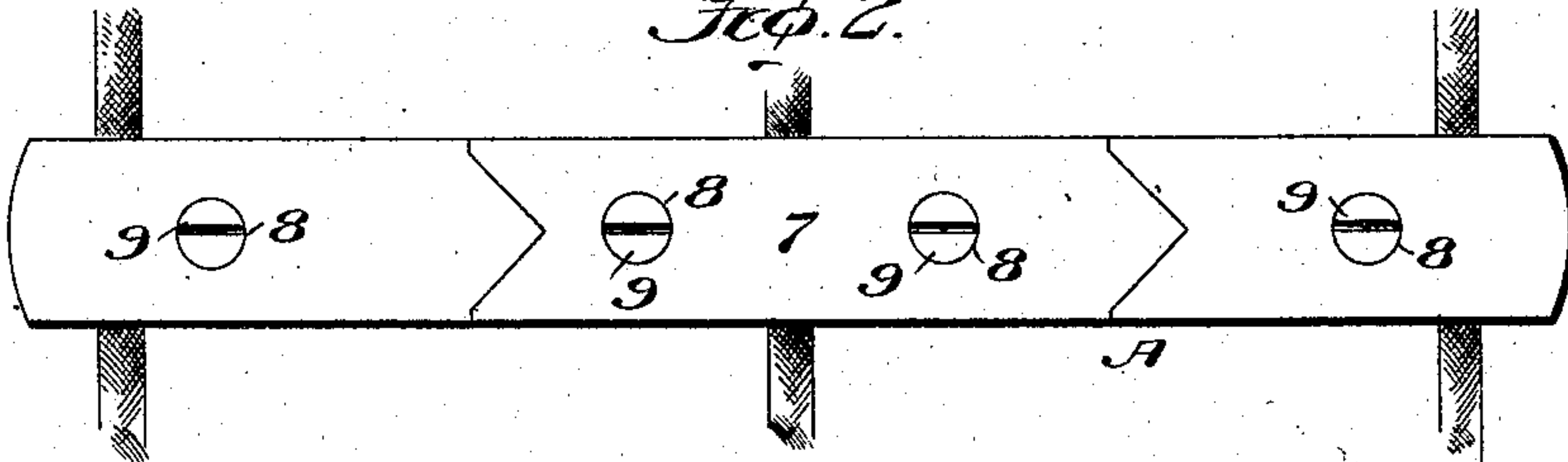


Fig. 3.

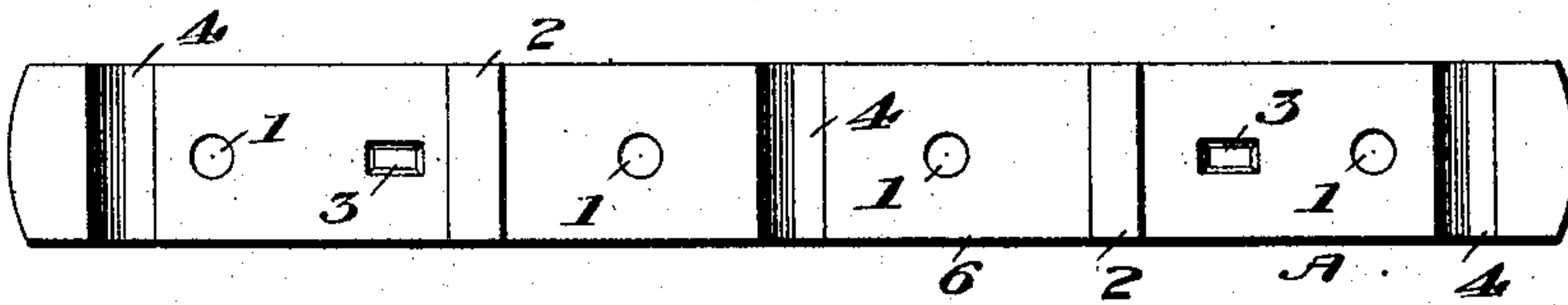


Fig. 4.

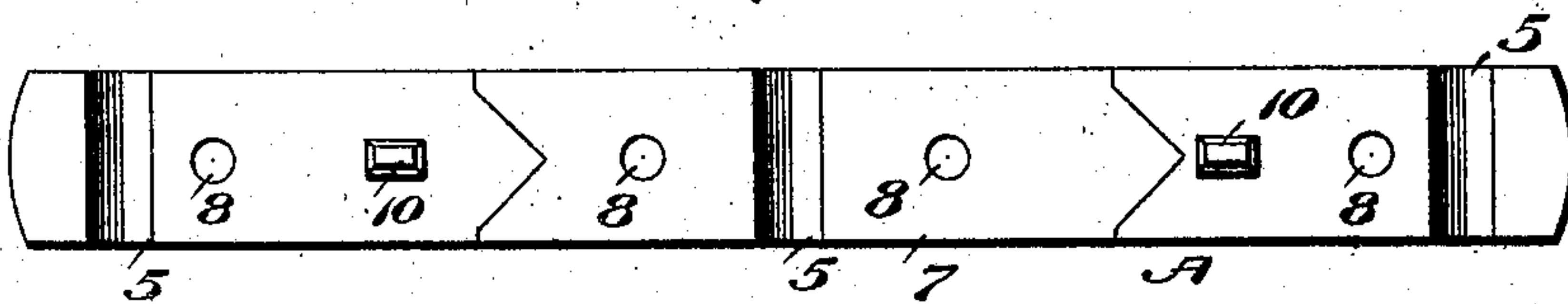
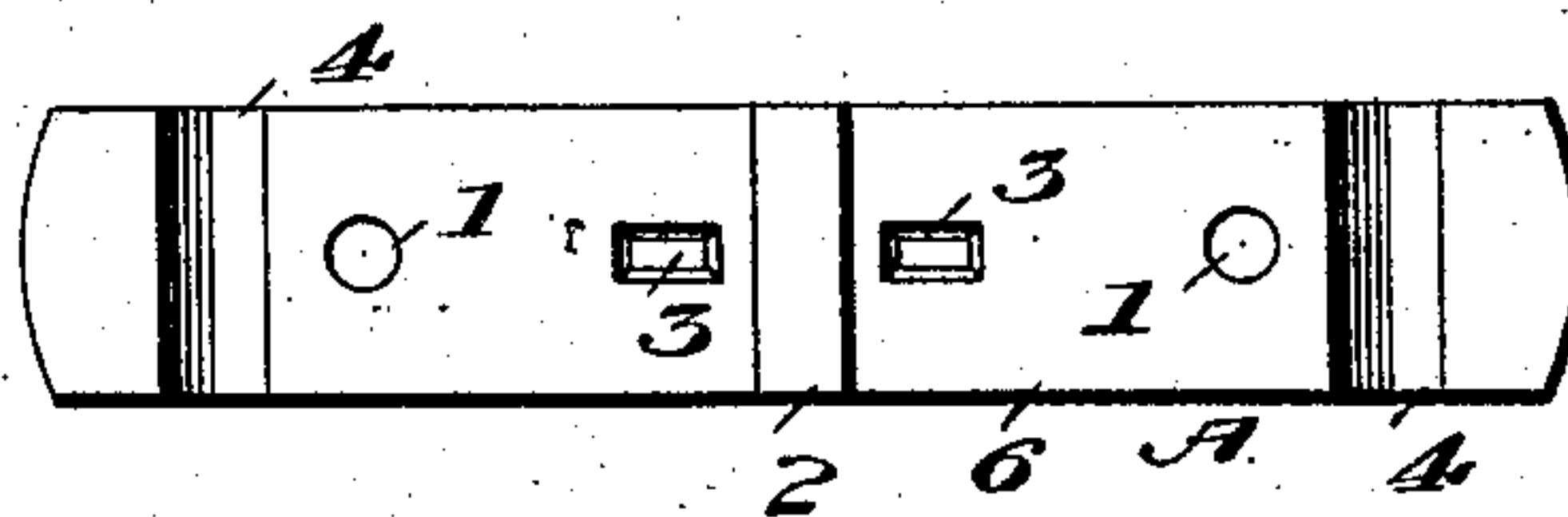


Fig. 5.



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UNITED STATES PATENT OFFICE.

ANTRIM L. VICKERS, OF NEW SHARON, IOWA.

CLEAT FOR ELECTRIC WIRES.

No. 910,975.

Specification of Letters Patent.

Patented Jan. 26, 1909.

Application filed September 23, 1907. Serial No. 394,197.

To all whom it may concern:

Be it known that I, ANTRIM L. VICKERS, a citizen of the United States, residing at New Sharon, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Cleats for Electric Wires, of which the following is a specification.

My invention relates to an improvement in cleats for electric wires, and the object is to provide a cleat for wiring buildings and one which is capable of being separated for the insertion of one or more wires or the removal of any member.

Another object is the provision of the removable members whereby a new member can be substituted for a broken member without in any wise interfering with the other wire or wires.

The invention consists of certain novel features of construction and combinations of parts, which will be hereinafter described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in side elevation; Fig. 2 is a top plan view; Fig. 3 is a view of the base of the cleat; Fig. 4 is a bottom view of the top members; and Fig. 5 is a modification.

A represents the base of the cleat, having a series of holes 1, 1. Transverse ribs 2, 2 are formed on the upper surface of the base, and recesses 3, 3 are formed in the base on one side of the ribs. Grooves 4, 4 are formed on the base for the wires, which grooves correspond to the grooves 5, 5 in the end members 6, 6 and central member 7. These members are provided with openings 8, 8 through which screws 9, 9 pass into the holes 1, 1 of the base and into the building. The members are dovetailed so that the adjacent ends of each member rest on the ribs 2, 2 of the base, thereby forming an even surface. On the end members lugs 10 are formed, which enter the recesses 3 on the base to prevent any of the members from becoming displaced when parts are being secured to the building by the screws.

In Fig. 5 I have shown the cleat made for two wires but in the figures just described the cleat is provided for three. The only difference between the two forms is that the recesses 3 are on each side of the rib 2 and in providing cleats in the form shown one wire may be strung at a time or removed and if in any manner one member should become broken it may be replaced. The members are dovetailed together, which keeps them in

alinement, and they are so arranged to each other that when a member is placed on the base it is not necessary to examine the parts to determine whether or not they will interlock as the members may be assembled very readily and save a great deal of time in wiring, and the wires can be strung a great deal tighter or one wire made slack and the other tight by simply tightening or releasing the member.

It is evident that slight changes might be made in the form and arrangement of the several parts described without departing from the spirit and scope of my invention and hence I do not wish to limit myself to the exact construction herein set forth, but:

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

1. A cleat comprising a base, top members connected together and mounted upon the base, said members being capable of removal independently of one another.

2. A cleat comprising a base having recesses formed therein, top members connected together and mounted upon the base, and lugs formed on the top members adapted to enter the recesses in the base.

3. A cleat comprising a base, a rib on the base, top members connected together and mounted upon the base, lugs on the top members adapted to enter recesses in the ends of the members resting on the rib.

4. A cleat comprising a base having grooves and recesses therein, top members having a dovetailed connection and mounted upon the base, said members having grooves therein, which correspond to the grooves in the base, and lugs on the top members adapted to enter the recesses in the base, and means for holding the base and top members together.

5. A cleat comprising a base, end and center members connected together and mounted upon the base and means for securing the base and members together.

6. A cleat comprising a base having ribs thereon, end and center members having a dovetailed connection and mounted upon the base, and the ends of the members resting upon the ribs.

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

ANTRIM L. VICKERS.

Witnesses:

S. V. REYNOLDS,
FLO HEITSMAN.