

No. 865,211.

E. H. ROLLINSON.
BINDING POST.
PATENTED SEPT. 3, 1907.
APPLICATION FILED NOV. 12, 1906.

Fig. 1.

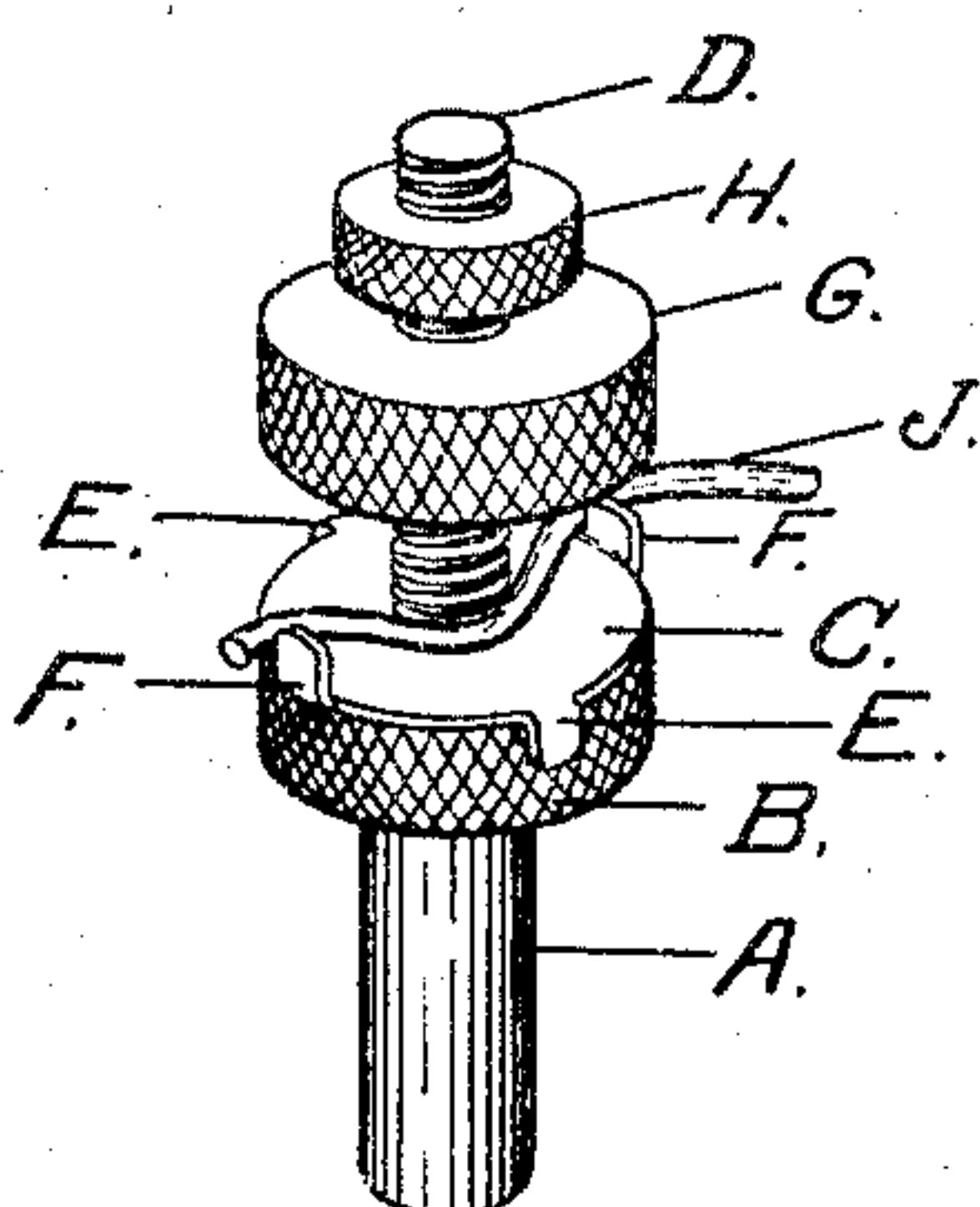
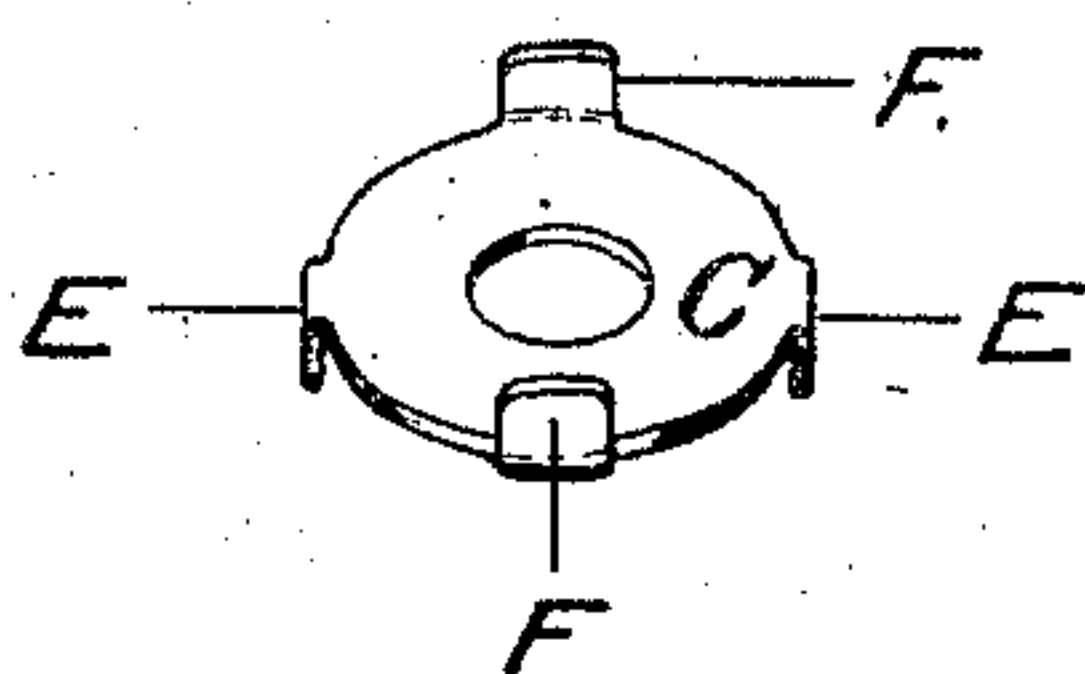


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

EARL H. ROLLINSON, OF ALBANY, NEW YORK.

BINDING-POST.

No. 865,211.

Specification of Letters Patent.

Patented Sept. 3, 1907.

Application filed November 12, 1906. Serial No. 342,953.

To all whom it may concern:

Be it known that EARL H. ROLLINSON, a citizen of the United States, residing at the city of Albany, in the county of Albany and State of New York, has invented certain new and useful Improvements in Binding-Posts, of which the following is a specification.

My invention relates to electric apparatus, and the object of my invention is: 1st: to provide a binding post for the purpose of making a good contact and retaining securely in position an electric wire. 2nd: to provide a binding post in which the wires will not be cut, indented or injured, and which may be adjusted to accommodate wire of any size. I attain these objects by means of the mechanism illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of my binding post. Fig. 2 is a perspective view of the washer.

Similar letters refer to similar parts.

Upon the rod, A, a disk, B, is screwed or otherwise attached, and, preferably, a washer, C, is placed upon the threaded portion, D, of the rod, A, and rests upon the disk, B. The washer, C, is provided with the ears, E, E, which project from the periphery of the washer in a direction substantially at right angles to the face thereof, and which engage the sides of the disk, B. I also place the ears, F, F, on the periphery of the disk, C, and cause them to extend in a direction opposite to the extension of the ears, E, E, as shown in the figure. Meshing with the threads on the rod, A, is a nut, G, and if desired a lock-nut, H.

The wire, J, which is to be secured to the binding post, is placed on the washer, C, preferably, as shown in Fig. 1, in engagement with the sides of the ears, F, F. The position of the ears, F, F, on the washer, C, in relation to the threaded shank of the rod being such that when the wire is placed against the side of one of the ears and extended across the washer to engage a like side of the oppositely disposed ear, the wire will be bent and bind against the shank of the rod, as shown in Fig. 1. When thus placed in position the nut, G, is screwed snugly in contact with the wire, the position of the ears, F, F, being such as not to interfere with the movement of the nut, G. The lock-nut, H, is then operated to engage the nut, G. There are no sharp edges or corners with which the wire may come in contact in my device. The washer will, because of the

location of the ears, E, E, bite into the disk, B, and act as a wrench in holding the parts together.

It is not always necessary for a successful attachment and holding of the wire that it should be placed in the position illustrated in Fig. 1, binding, as it does, between the ears, F, F, and the shank of the rod; if it is laid across the washer from side to side and the nut, G, is brought tightly against it the tilting of the washer, C, will be such that it will tend to grip the wire so securely that it will hold against any ordinary pull thereon.

By my mode of engaging the wire I get a broad, extensive electric contact. It is apparent that the difference in the size of the wire is immaterial in the operation of my device. It is apparent that the wire may be placed between the washer and disk, B, instead of between the washer and the nut, G, as illustrated.

I have described the shank of the rod as being threaded for the purpose of enabling the nut, G, to travel backward and forward thereon, but any convenient means for moving the nut along the shank could be resorted to without screw-threading the same.

What I claim as my invention and desire to secure by Letters Patent is:

1. A three part binding post, comprising a rod; a washer; and a nut; a disk formed on the rod; ears on the periphery of said washer projecting from each surface thereof in opposite directions; and said washer placed in contact with said disk.

2. In a binding post; a rod; a disk thereon; a washer in contact with said disk; oppositely disposed projections on the periphery of said washer extending substantially at right angles to each face thereof; said projections so arranged that those projecting from one face will engage said disk, while those projecting from the opposite face will furnish bearing edges for a wire extending across the washer from one side to the other and bent to pass said rod; with a nut on said rod adapted to engage said wire and washer.

3. In a binding post; a rod; a disk and a nut thereon; a washer comprising a flat thin metallic plate; ears on the periphery thereof projecting from each surface in opposite directions; said washer adapted to be placed on said rod between said disk and said nut; a means for locking said nut.

In testimony whereof he has affixed his signature in presence of two witnesses.

EARL H. ROLLINSON.

Witnesses:

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