T. E. MURRAY.

BINDING POST.

APPLICATION FILED JUNE 22, 1910.

970,089. Patented Sept. 13, 1910.

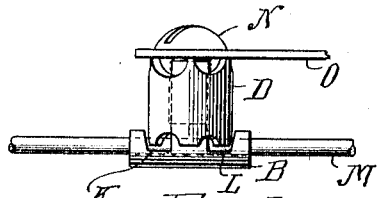

Fig. 1.

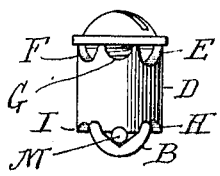

Fig 2.

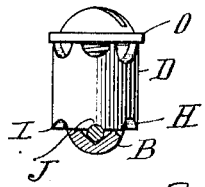

Fig. 3.

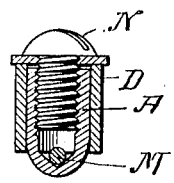

Fig. 4.

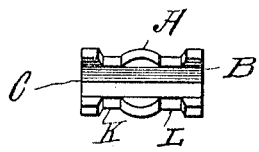

Fig. 5

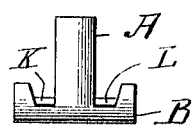

Fig. 6.

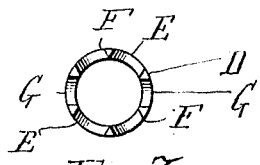

Fig. 7.

Witnesses:
May V. McGarry.
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UNITED STATES PATENT OFFICE.

THOMAS E. MURRAY, OF NEW YORK, N. Y.

BINDING-POST.

970,089. Specification of Letters Patent. **Patented Sept. 13, 1910.**

Application filed June 22, 1910. Serial No. 568,262.

To all whom it may concern:

Be it known that I, THOMAS E. MURRAY, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a certain new and useful Improvement in Binding-Posts, of which the following is a specification.

The invention relates to binding posts or wire connectors for circuit conductors, and consists in the construction, more particularly set forth in the claims, whereby the device is adapted to hold wires of different gage and rendered simple and inexpensive.

In the accompanying drawings—Figures 1 and 2 are side elevations of my binding post. Fig. 3 is an elevation with the head and wire in cross section. Fig. 4 is a vertical cross section. Fig. 5 is a top view, and Fig. 6 is an elevation, of the head and shank separately: and Fig. 7 is an end view of the sleeve.

Similar letters of reference indicate like parts.

The shank A and head B are preferably formed integrally of sheet metal, suitably shaped and bent, so that the shank is bifurcated. The head is elongated and semi-cylindrical. The width of the groove in the head is to be sufficient to receive the largest size wire which the device is intended to hold, and may be made V-shaped at the bottom, as shown at C. The sleeve D may also be made integrally of sheet metal, bent in cylindrical form, and fits on the shank. On one edge, or, preferably as here shown, on both edges of the shank are formed oppositely disposed pairs of recesses of different sizes. Thus, in Fig. 7, the pair of recesses E, E are of greatest width and are disposed opposite one another. Similarly, the pair of recesses F, F, and the pair of recesses G, G, are oppositely placed, the recesses F being smaller than the recesses E, and the recesses G smaller than the recesses F. In the opposite edge of the shank may be formed similar pairs of recesses H, I, J, the recesses H being smaller than the recesses G, and the recesses I being smaller than recesses H, and the recesses J smaller than recesses I. In this way, I provide, as here shown, six pairs of recesses, progressively smaller in size. In the upper edge of the head B and in proximity to and on each side of the shank A are formed pairs of notches K, L.

In using the device, the wire M is seated in the groove in the head B. The sleeve D is then placed on the shank and adjusted with either end downward, so that a recess, as J, of proper size corresponding to that of wire M comes over said wire. The sleeve is then moved down so as securely to clamp the wire in place in said recess and between the sleeve and the head. Where the wire is, as shown in the drawings, of relatively small diameter, the notches K, L in the head permit this downward adjustment of the sleeve. A headed screw N is then inserted through an opening in any suitable support, as O, into the shank, and set up, thus holding the sleeve in adjusted position upon the wire, and also securing the whole device to the support.

I claim:

1. A binding post comprising a bifurcated shank, a sleeve thereon having a plurality of pairs of oppositely disposed recesses in its edge, each pair of recesses differing in size from the recesses of the other pairs, and the wire to be held being received in a pair of recesses of corresponding size and between said sleeve and the bottom of the shank, and means for holding said sleeve in adjusted position upon said wire.

2. A binding post comprising a bifurcated shank, a sleeve thereon having in each edge a plurality of pairs of oppositely disposed recesses, each pair of recesses differing in size from the recesses of the other pairs, and the wire to be held being received in a pair of recesses of corresponding size and between said sleeve and the bottom of the shank, and means for holding said sleeve in adjusted position upon said wire.

3. A binding post comprising a bifurcated shank, an elongated grooved head integral therewith and provided with notches in its edges adjacent to said shank, a sleeve on said shank having a plurality of pairs of

oppositely disposed recesses in its edge, each pair of recesses differing in size from the recesses of the other pairs, and the wire to be held being received in said recesses and between said sleeve and the bottom of said shank, and means for holding said sleeve in adjusted position upon said wire.

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

THOMAS E. MURRAY.

Witnesses:
A. W. LAIDLAW,
MAY T. MCGARRY.