

No. 838,260.

PATENTED DEC. 11, 1906.

R. H. MANSON.
BINDING POST.

APPLICATION FILED NOV. 11, 1905.

Fig. 1.

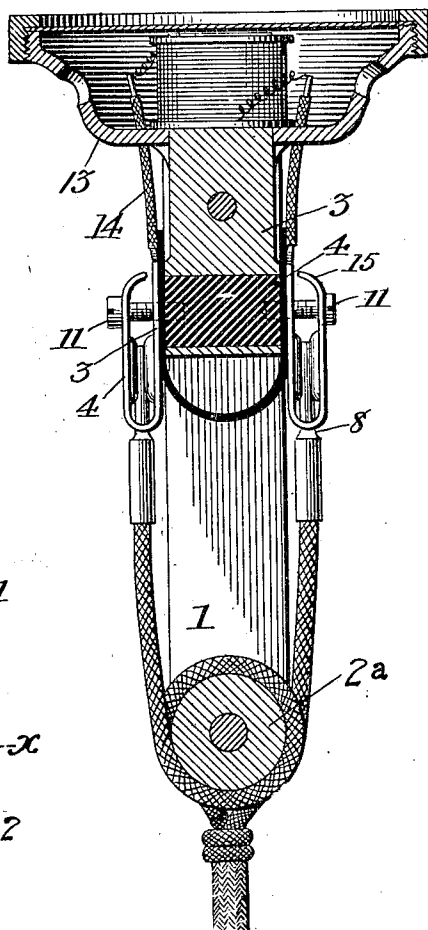


Fig. 2.

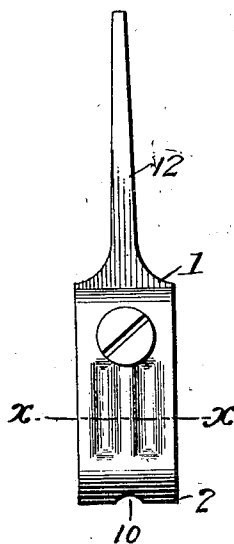
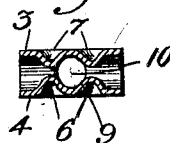


Fig. 3.



WITNESSES:

O. W. Edlin.
James A. Marr.

INVENTOR.

Ray H. Manson
BY *Edward C. Clement*
ATTORNEY

UNITED STATES PATENT OFFICE.

RAY H. MANSON, OF ELYRIA, OHIO, ASSIGNOR TO THE DEAN ELECTRIC COMPANY, OF ELYRIA, OHIO, A CORPORATION OF OHIO

BINDING-POST.

No. 838,260.

Specification of Letters Patent.

Patented Dec. 11, 1906.

Original application filed August 3, 1904, Serial No. 219,567. Divided and this application filed November 11, 1905. Serial No. 286,880.

To all whom it may concern:

Be it known that I, RAY H. MANSON, a citizen of the United States, residing at Elyria, in the county of Lorain and State of Ohio, have invented a certain new and useful Improvement in Binding-Posts, of which the following is a specification, reference being had therein to the accompanying drawings.

This application is a division of my co-pending application for telephone-receiver, filed August 3, 1904, Serial No. 219,567, and the invention relates to the binding-post shown and described therein.

The object of this invention is to provide a binding-post which will be neat and compact in its structure and which may be stamped from a sheet of metal, thus making a very inexpensive construction.

A further object is the provision of means carried by the binding-post itself which prevents it from turning when it is clamped upon the cord-tips.

These and other objects will more fully appear from the following specification, taken in connection with the accompanying drawings, which illustrate my invention, while the novel features are more particularly pointed out in the appended claims.

In the drawings, Figure 1 is a skeleton view of a receiver as removed from the casing and showing the binding-post secured thereto. Fig. 2 is a front elevation of the binding-post alone, and Fig. 3 is a transverse sectional view on line *x x* of Fig. 2.

Referring more especially to the drawings, 1 represents the permanent magnet, 2^a its connecting-bar, and 3 the bridge-block, which is provided with a core of insulating material 4, to which the binding-posts are secured. All of the above is shown and described in the above-mentioned application.

The binding-post consists of a metal punching, which is bent upon itself at 2 to form opposed flat surfaces 3 and 4, each of which is provided with a pair of parallel indentations 6 and 7, which together form a socket or way 9 for the terminal tip 8 of the cord-circuit. These tips reach the sockets 9, formed by the indentations 6 and 7, through the aperture 10 made in the loop of the bend 2. The bent portions of the binding-clamps are

sprung outwardly and are pressed inward to grip the terminal tips by the screws 11, which take into the insulating-block 4.

Projecting from the side 3 is a tongue 12, which is adapted to reach through an aperture formed in the cup-shaped member 13, carried on the bridge-block 3, where it is usually secured by soldering or otherwise to a wire of the pole-piece windings. These projections are preferably provided with insulation 14 to prevent contact with adjacent metal members. It will be understood that this tongue 12 may be secured to the support upon which the binding-post is mounted when used for other purposes than that shown in the drawings; but in this instance the projections entering apertures of the cup-shaped member 13 serve to steady the binding-clamps from turning when the screws 11 are tightened, as well as to form strong and perfect electrical connections. A curved extension 15 is formed on the side 4, which is adapted to engage the side 3 and limit the movement thereof.

It is obvious that instead of the screws passing into the insulation shown they may be fitted with nuts, so that the sides of the binder may be pressed together on the wire terminal. This and other changes in details are the scope and purview of my invention.

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

1. The improved binding-post consisting of a flat piece of metal bent upon itself to form two limbs, an opening through the bend to receive a circuit-terminal and means to force the two limbs together.

2. A binding-post, comprising a resilient plate bent upon itself, provided with an opening through the bend to admit a conductor-tip and perforated through its ends to receive a clamping-screw for forcing them together, and compressing the sides upon said tip.

3. A binding-post comprising the following instrumentalities: a plate of resilient metal bent upon itself to form two opposed flat members, one having a reduced extension for a circuit connection, the other having its end turned over to serve as a limiting-stop

against the first, parallel longitudinal ridges
formed on each member to produce an inter-
mediate channel, an opening in the bent por-
tion of the plate in line with the said channel,
5 whereby a cord-tip may be inserted therein,
and means such as a clamping-screw to force
the two members on the tip when so inserted.

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

RAY H. MANSON.

Witnesses:

GEO. A. SCOVILLE,
ARTHUR B. KRATZ.