No. 863,992. PATENTED AUG. 20, 1907.

W. J. HISS, Jr.

BRIDLE RING.

APPLICATION FILED MAR. 18, 1907.

Fig. 1.

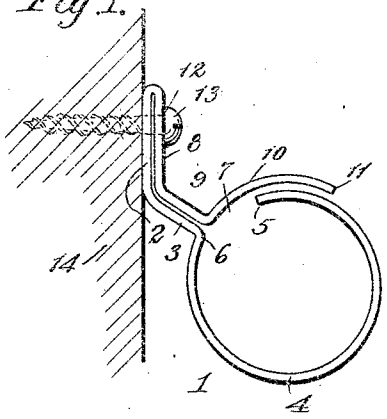


Fig. 2.

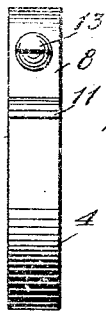


Fig. 3

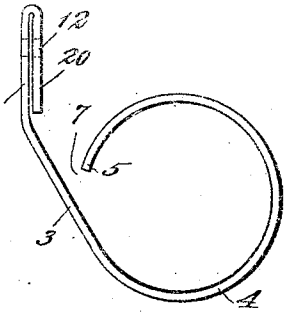


Fig. 4.

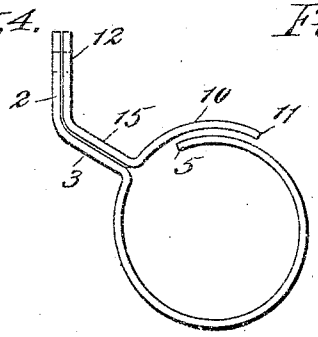


Fig. 5.

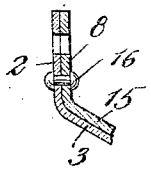


Fig. 6.

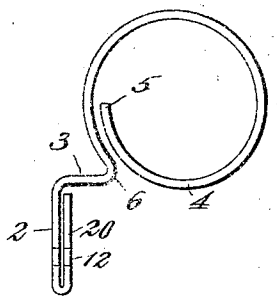


Fig. 7.

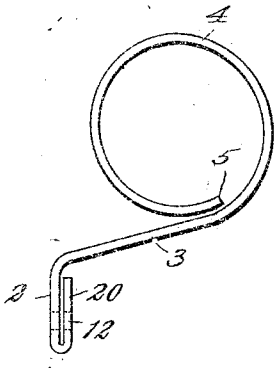
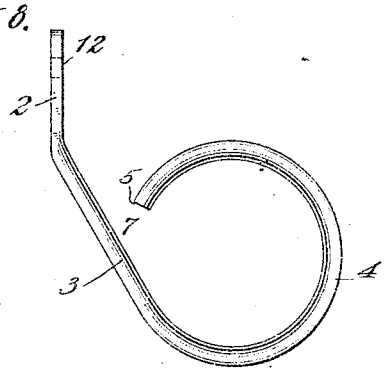


Fig. 8.



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UNITED STATES PATENT OFFICE.

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BRIDLE-RING.

No. 863,992. Specification of Letters Patent. Patented Aug. 20, 1907.

Application filed March 18, 1907. Serial No. 362,945.

To all whom it may concern:

Be it known that I, WILLIAM J. HISS, Jr., of the city, county, and State of New York, have invented certain new and useful Improvements in Bridle-Rings, of which the following is a specification, taken in connection with the accompanying drawing.

This invention relates to bridle rings which are adapted for general application, used more particularly, however, for supporting telephone and telegraph wires, on the sides of walls, buildings, poles or any other support.

In the accompanying drawings, showing illustrative embodiments of this invention, Figure 1 is a side elevation of the preferred form of my bridle ring showing the support in section; Fig. 2 is an end view of the bridle ring in Fig. 1; Fig. 3 is a side view of a modification; Fig. 4 is a side view of another modification; Fig. 5 is a vertical section of a detail; Fig. 6 is a side elevation of another modification; Fig. 7 is a side elevation of another modification; Fig. 8 is a side elevation of still another modification.

In the illustrative embodiment of this invention shown in the drawings, 1 is my bridle ring having an arm 2 for supporting it on its support, said arm preferably having a portion 3 at an angle to the remaining portion of the arm so as to permit the ring 4 to stand out slightly from the support 14. As shown in Fig. 1 this ring is bent back upon itself having an end 5 approaching but not lapping the beginning 6 of the ring 4. The gap 7 between the end 5 of the ring 4 and the beginning 6 of the ring 4 is in my preferred form shown in Fig. 1 covered by a cover plate 8 having a bent portion 9 substantially parallel to the portion 3 of the arm 2. The outer portion of this cover plate is curved as shown at 10, its end 11 overlapping the end 5 of the ring. In this preferred form I stamp the entire bridle ring out of a single sheet of steel metal and bend back the cover plate 8 upon the arm 2 and form an aperture 12 through the cover plate and arm for the reception of some suitable securing means, such for instance as the screw 13 shown in Fig. 1. In this construction the arm 2 is held firmly to the support 14. The telephone or telegraph wires or any article which is to be supported within the ring 4 is slipped over the end 5 and under the end 11 of the cover plate 10 when it falls within the ring 4 and is supported in an obvious manner.

I may form the cover plate separate, such as shown at 15, Fig. 4, and secure it to the arm of the ring by some means, for instance the screw 13, that supports the arm, or I may form the cover plate 15 separate and riveted or otherwise secure it to the arm of the ring 4 by means of rivets 16, Fig. 5. My invention, however, is not confined to a bridle ring having a cover plate which as shown in Figs. 3, 6, 7 and 8 can be omitted. In Fig. 3 the end 5 of the ring is bent back upon the ring 4 leaving an opening 7 which is unguarded and through which passes the telephone or telegraph wires, although of course it is understood that the wires may if desired be threaded directly through the center of the ring 4. In Figs. 6 and 7 I bend back the end 5 of the ring 4 to make it overlap the beginning 6 of the ring so that in effect the ring is closed in which construction no separate cover plate is needed. To strengthen the arm 2 I may if desired have a portion 20 back upon itself as shown in Figs. 3, 6 and 7. My invention furthermore is not limited to a sheet metal bridle ring stamped or otherwise formed as it may be made out of wire as shown in Fig. 8, the arm 2 being preferably flattened to fit up against the support and apertured as shown at 12 for the reception of any suitable securing means, as a screw 13.

Having thus described this invention in connection with several illustrative embodiments thereof, to the details of which I do not desire to be limited, what is claimed as new and what it is desired to secure by Letters Patent is set forth in the appended claims:

1. A bridle ring having an arm the lower portion of the arm being bent back upon itself to form a ring, and a cover plate.

2. A bridle ring formed of sheet metal having an arm, the lower portion of the arm being bent back upon itself to make an open ring, and a cover plate to cover the interrupted portion of the ring.

3. A bridle ring formed of sheet metal having an arm, the lower portion of the arm being bent back upon itself, to make an open ring and an integral cover plate to cover the interrupted portion of the ring.

4. A bridle ring formed of sheet metal, having an arm with an offset portion the lower part of the offset portion being bent back upon itself to form an open ring and an integral cover plate bent back on the arm and closing the opening in the ring.

5. A bridle ring formed of spring sheet metal having an arm and an offset portion, the lower part of the offset portion being bent back upon itself to form a ring and an integral cover plate formed by bending a portion of the metal down upon the arm and offset, the free end of the cover plate overlapping the ring.

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