

(No Model.)

C. W. BRIDGES.
ORNAMENTAL FENCE WIRE.

No. 478,985.

Patented July 19, 1892.

FIG. 1.

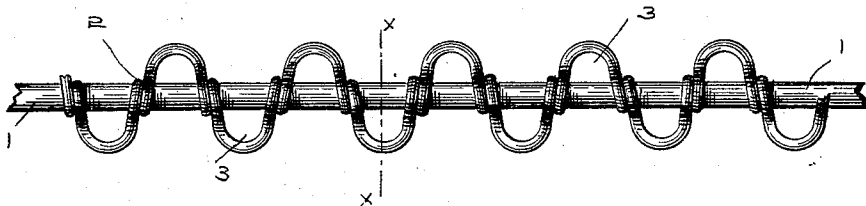
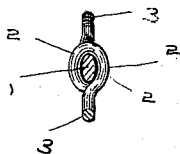


FIG. 2.



Witnesses

H. D. Nealy.
E. B. Griffith.

Inventor

Charles W. Bridges.

By his Attorney

V. B. Lockwood.

UNITED STATES PATENT OFFICE.

CHARLES W. BRIDGES, OF INDIANAPOLIS, INDIANA.

ORNAMENTAL FENCE-WIRE.

SPECIFICATION forming part of Letters Patent No. 478,985, dated July 19, 1892.

Application filed April 7, 1892. Serial No. 428,137. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. BRIDGES, of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful
5 Improvements in Ornamental Fence-Wires; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which like numerals refer to like parts.

10 My invention relates to an improvement in ornamental fence wires or ribbons; and it consists in the combination, with a main or straight wire which is in cross-section of an oval shape, of a secondary finer round wire
15 twisted or bent around the same, forming loops, as will be hereinafter more fully described.

In the drawings, Figure 1 is a plan view of a section of my improved ribbon; and Fig. 2
20 is a cross-sectional view through the same on the line *x x*, Fig. 1.

In detail, 1 represents the main or straight wire, which, as shown in section in Fig. 2, is of an oval shape.

25 2 represents the secondary wire, which is round and is first bent into double loops 3, these being twisted or bent around the main wire 1 on a line with their center, and being bent in opposite directions, as shown in Fig.

30 1, the loops extending alternately on opposite sides of the main wire in a straight line, and are preferably bent so as to fit snugly against the same, as shown in Fig. 2, and after the secondary wire 2, with its loop, has been
35 twisted around the main wire 1, it is retained in place thereon and prevented from turning by the oval shape of the main wire. At the

same time by its oval or flattened shape it presents a pleasing appearance to the eye, makes the wire look much heavier than it really is, and shows a much broader surface than an ordinary wire of the same weight, and is stronger in resisting a force applied from above or below, and through the manner of
40 bending the secondary wire the strength and rigidity of the main wire is greatly increased, thus making said wire ribbon simpler, cheaper, and more durable than any other known

ornamental wires. This ribbon, as described, although especially adapted for use in building fences, can be used with equally as good
50 results for many other purposes, such as box-bands, trellises, &c.

It is obvious that changes might be made in my device, such as bending the secondary
55 wire 2 around the main wire 1 two or more times instead of once, as shown in the drawings, or in such a manner that the loops will extend at a tangent from one side of the main wire, and in some cases it might be desirable
60 to make the main wire 1 so as to present a bent or corrugated form, at the same time retaining its flat or oval shape in cross-section.

Having fully described my invention, what I claim, and desire to secure by Letters Patent
65 of the United States, is—

1. In an ornamental wire ribbon, a main wire whose shape in cross-section is oval or flattened, and a secondary round wire formed in double loops, such loops bent closely to the
70 main wire in opposite directions, the ends of the loops extending alternately from the opposite sides of the main wire in a plane with the longer diameter of the main wire, substantially as shown and described.

2. In an ornamental fence-wire ribbon, a main wire whose shape in cross-section is oval or flattened, and a secondary wire formed in double loops, such loops bent around the main
75 wire in opposite directions and fitting closely thereto, the ends of the loops extending alternately in opposite directions from the main wire, the form of the main wire preventing them from turning, substantially as shown
80 and described.

3. A wire ribbon composed of a straight wire whose shape in cross-section is oval or flattened and a secondary wire bent around the same, forming loops on opposite sides,
85 substantially as shown and described.

In witness whereof I have hereunto set my hand this 5th day of April, 1892.

CHAS. W. BRIDGES.

Witnesses:

H. D. NEALY,
E. B. GRIFFITH.