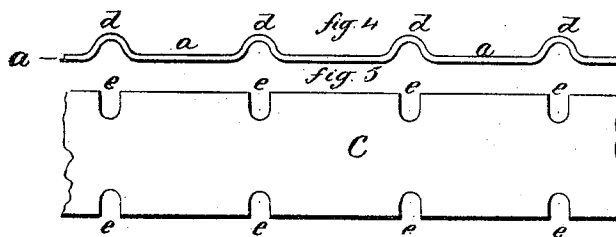
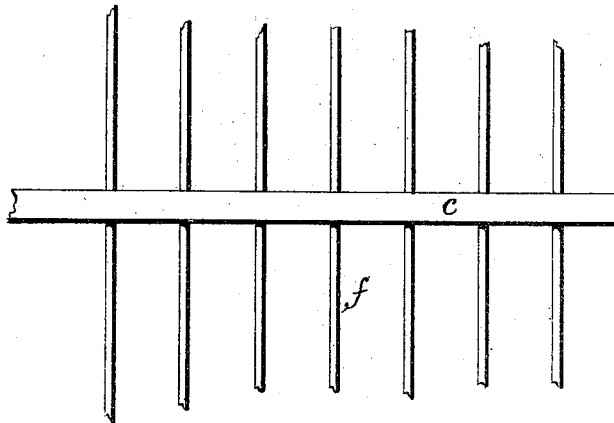


A. B. HENDRYX.
BIRD-CAGE.

No. 179,192.

Patented June 27, 1876.

fig. 1.



Witnesses
W. H. Channing
Charles Droughton

Andrew B. Hendryx
Inventor
By *Atty.*
John E. Earle

UNITED STATES PATENT OFFICE.

ANDREW B. HENDRYX, OF ANSONIA, CONNECTICUT, ASSIGNOR TO HENDRYX
& BARTHOLOMEW, OF SAME PLACE.

IMPROVEMENT IN BIRD-CAGES.

Specification forming part of Letters Patent No. **179,192**, dated June 27, 1876; application filed
June 14, 1876.

To all whom it may concern:

Be it known that I, A. B. HENDRYX, of Ansonia, in the county of New Haven and State of Connecticut, have invented a new Improvement in the Manufacture of Bird-Cages; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, a side view; Fig. 2, a horizontal view; Fig. 3, a vertical sectional view; and in Figs. 4 and 5, the two parts which form the stays.

This invention relates to an improvement in the manufacture of bird-cages, with special reference to the method of securing the wires in their relative position to each other—that is, to the construction of the rings, bands, or stays, which extend in a horizontal plane around the cage. These have usually been made by perforating the stays at the points where the wires were to be located, and passing the wires through these perforations, or riveting or soldering the wires to the stays at the desired points.

This invention consists in constructing the stay or band in two parts, the one to be inclosed by the other, and so as to secure the wires between the said two parts at the desired points, as more fully hereinafter described.

First, a strip of metal, *a*, is formed with transverse indentations *d* at points distant from each other according to the position required for the vertical wires. *c* is the second part, which consists of a thin strip of metal, of about twice the width of the first strip *a*—may be more or less—and with notches *e* upon

the two edges corresponding to the depression *d*. The one part *a* is placed centrally upon the part *c*, and the two edges of the part *c* closed over the strip *a* between the indentations, as seen in Fig. 3, thus securing the two parts together and leaving openings between the two parts, as seen in Fig. 2, through which the vertical wires *f* may be passed, and this compound stay, closed hard upon the wires, firmly secures the wires in their proper relative position to each other, and also secures the stay to the wires.

In this construction the outer surface of the stay may be made smooth, leaving the projections entirely upon the inside, as seen in Figs. 1 and 2; and as the parts may be formed and closed by machinery, and so much more rapidly than the usual drilling can be done, the article is not only better, but considerably cheaper, than such usual construction.

The invention may be applied to the various parts of bird cages, and also to other articles made from wire. I therefore do not wish to be understood as confining myself to a stay for bird-cages only; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

The herein-described stay for bird-cages, and other wire-work, consisting of two parts, one of which is formed with transverse indentations corresponding to the position of the wires to be introduced, the other and broader part constructed with notches in each edge corresponding to the said depressions in the first part, and closed thereon, substantially as described.

ANDREW B. HENDRYX.

Witnesses:

WM. PAWE,
PASCAL TICKNOR.