

(No Model.)

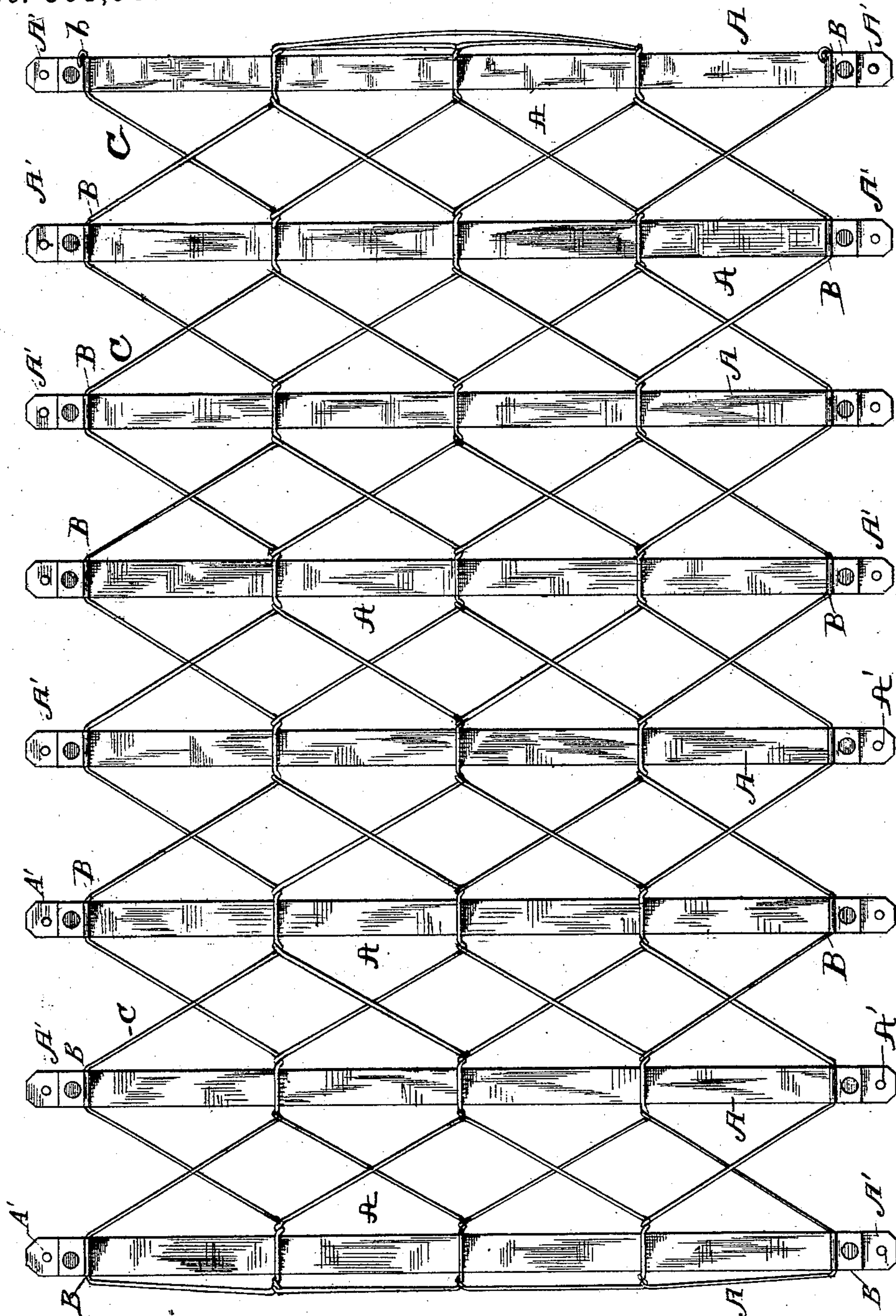
G. NORRIS.

WIRE FENCE.

No. 303,587.

Patented Aug. 12, 1884.

Fig 1



WITNESSES:

W. E. Bowen
G. H. Harvey

Fig 2



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UNITED STATES PATENT OFFICE.

GASHEM NORRIS, OF SCOTTSBURG, INDIANA.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 303,587, dated August 12, 1884.

Application filed January 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, GASHEM NORRIS, a citizen of the United States of America, residing at Scottsburg, in the county of Scott and State of Indiana, have invented certain new and useful Improvements in Iron and Wire Web-Fence, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention has for its object to provide an improvement in woven-wire fences, which shall be light, strong, durable, and readily manufactured, and which, being cheap and attractive in design, will answer the purpose of a heretofore more expensive fence, as well as of an ordinary or cheaper inclosure, while by its great flexibility it is capable of being readily folded, which is greatly desirable for shipment or transportation.

20 The improvement lies in the special construction and combination of the parts, substantially as hereinafter fully set forth, and pointed out in the claim.

25 In the accompanying drawings, Figure 1 is a side view of a fence-panel embodying my improvement, and Fig. 2 is an enlarged detailed view thereof.

30 In the organization of my invention I dispose parallel to each other, and at regular and suitable intervals apart, metallic palings or slats A, to stand perpendicularly when in use. The ends of these palings or slats are apertured at A', to permit the ready attachment thereof by suitable fastenings to upper and lower cross-pieces suitably secured to posts planted or anchored in the ground. To the sides of these palings or slats, near their upper and lower ends, are riveted or otherwise fastened metallic loops or open eyes B, the same being finally closed. I next take a continuous wire, c, and secure one end in the upper right-hand end loop, b, and proceed with the weaving of the same upon the palings or slats to complete the construction of the fence, the same being made in panels or sections. The weaving operation is effected by alternately carrying the wire obliquely downward and upward the required distance successively from one paling or slat to another, the wire C upon the upward movement being inserted into every other loop, B, when the latter are closed, at least the end one, b, which first receives the wire, although the rest may not be closed until the weaving op-

eration has been completed. Upon reaching 55 the opposite end of the fence-section the wire is carried upward perpendicularly and inserted into the loop b of the paling or slat at that end. The previous mode of procedure is repeated with the exception that the direction of passing the wire from paling to paling is just reversed in returning or conducting the weaving toward the side of the panel at which the weaving operation commenced, the wire being thus caused to cross itself about equidistant between the slats or palings, which crossing of the wire between the palings is observed throughout the weaving process.

In order to secure uniformity in length of the wire-loops, measurement is made of the length of the slats to determine the required number of loops, and the length of the loops is adjusted accordingly, and in order to keep the loops in proper position on the slats the wire is bent horizontally at and passed through 75 and supported in loops B, and also passed loosely horizontally across alternate slats, and subsequently tightened at the points of its horizontal passage across the slats by the intertwistings, which interlock it at such points, 80 as shown.

The aforesaid construction of fence is characterized, among other things, by great flexibility, whereby the folding of the same, to economize in space, is expedited, which is 85 greatly desirable in the shipment or transportation of the same. It is also ornamental and attractive, while possessing the qualities of cheapness, strength, and durability, which enable it to meet the demand for an ornamental 90 and yet inexpensive fence while being available for the purpose of a common inclosure.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is— 95

In a wire fence, the metallic palings or slats A, apertured at A' for attachment thereto of upper and lower cross-pieces secured to anchored posts, and having metallic loops or eyes B b, the palings or slats being woven together by means of wire C, substantially as shown, and for the purpose described. 100

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

GASHEM NORRIS.

Witnesses:

CORNELIUS C. WILLS,
DAVID W. WYMAN.