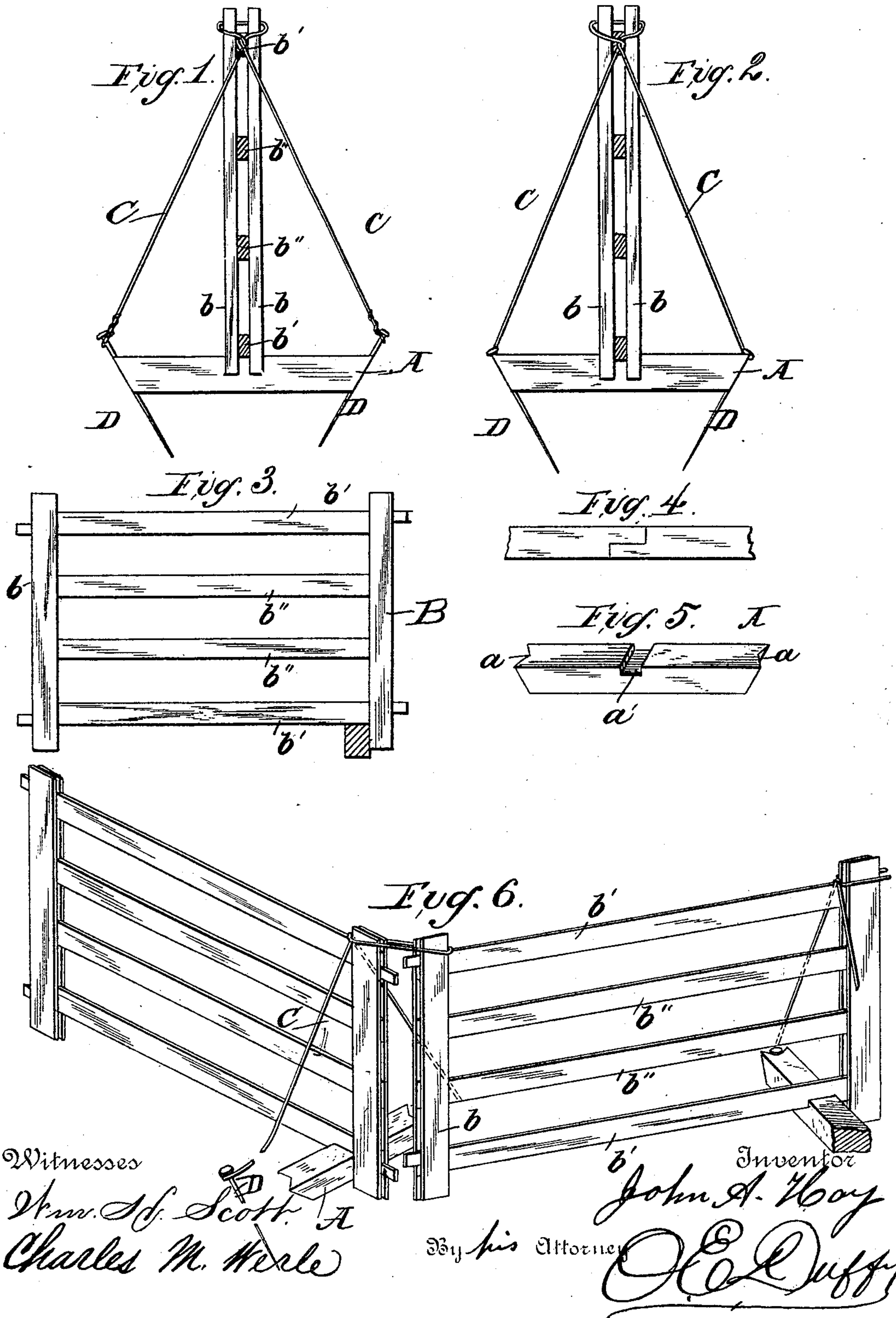


(No Model.)

J. A. HAY.  
FENCE.

No. 370,256.

Patented Sept. 20, 1887.





# UNITED STATES PATENT OFFICE.

JOHN A. HAY, OF NEW GOSHEN, INDIANA.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 370,256, dated September 20, 1887.

Application filed March 30, 1887. Serial No. 233,030. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. HAY, of New Goshen, in the county of Vigo and State of Indiana, have invented certain new and useful  
5 Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it ap-  
10 pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to portable fences, and has for its object the construction of a cheap  
15 and durable fence which will be simple in construction, strong and durable, and capable of being easily set up and taken down, and one that will not be turned over by the wind or by stock running against it.

20 To these ends it consists of the construction and combination of parts hereinafter described, and specifically set forth in the claims.

Figure 1 is a vertical section of the fence, showing the brace-wire attached to the pins,  
25 the pins not driven home. Fig. 2 is a like section showing the pins driven home. Fig. 3 is an elevation of a panel of the fence and a section of a sill. Fig. 4 is a view showing the manner of joining the ends of the top and bot-  
30 tom boards of the panels. Fig. 5 is a perspective view of the sill, and Fig. 6 is a perspective view of two panels forming a corner to the fence.

A is a sill which rests upon the ground, and  
35 consists of a solid piece of timber beveled under at each end, and having therein V-shaped notches *a*, as shown, and having a groove, *a'*, cut in its top midway of its length.

B is a panel of the fence, which consists of  
40 the vertical side pieces, *b*, horizontal top and bottom boards, *b'*, and intermediate boards, *b''*. The top and bottom boards, *b'*, are notched and joined, as shown in Fig. 4. Instead of using the intermediate boards, *b''*, barbed or  
45 plain wires may be substituted.

C is a brace-wire, which is wrapped about the projecting ends of the vertical side pieces or posts, and has its ends attached to stakes  
50 D, which are driven into the ground, drawing the fence-post down firmly to its base, as well as drawing the parts together. From the con-

struction shown it will be seen that a single sill is required for each panel of fence. The panel, being constructed as shown in Fig. 3, the projecting ends of the top and bottom  
55 boards being halved, the sills are placed at proper intervals and leveled, the bottom board is placed in the groove *a'* of the sill, and the lower projecting ends of the vertical side pieces at one end are brought against the sill, 60  
the next panel is fitted with the side boards abutting and the ends of the top and bottom boards fitted together, as shown. The stakes  
D are set in the ground, having their bearing in the V-shaped notches in the beveled ends 65  
of the sills. The wire is wrapped about the abutting projecting upper ends of the vertical side pieces and attached to the stakes below their heads, as shown in Fig. 1. The stakes  
are then driven home, as shown in Fig. 2, 70  
thereby drawing the wire taut and securely anchoring the fence-panel and sill to the ground.

This construction permits of a cheap and durable fence, (one that can be put up and  
75 taken down by any one,) while in case of injury to any part a single panel can be easily replaced.

It will also be seen that a corner may be turned, the halved ends of the top and bot-  
80 tom boards of one panel being adapted to rest on the halved top and bottom boards of the joining panel, as shown in Fig. 6.

I am aware that it is old to halve and lap the top and bottom boards of fence-panels and  
85 brace the panels by wires attached to the panels and to pins or base-pieces, and this I do not claim, broadly; but

What I claim, and desire to secure by Letters Patent, is—

1. A portable fence consisting of the sills  
90 A, having beveled ends with V-shaped notches *a* therein, and grooves *a'* on their tops, the panels B, consisting of vertical side pieces, *b*, and horizontal top and bottom boards, *b'*, hav-  
95 ing their ends halved, one end of the bottom board being fitted in the groove of the sill, intermediate boards, *b''*, and wires C, wrapped about the top projecting ends of the side pieces and attached to stakes D, said stakes 100  
having their bearings in the V-shaped notches of the sills, substantially as described.

2. The combination, with the beveled,  
notched, and grooved sills, as described, of  
the panels consisting of vertical side pieces,  
horizontal top and bottom boards halved at  
5 their ends, and intermediate boards, wires  
wrapped about the upper ends of the vertical  
side pieces, and pins to which the lower ends  
of the wires are attached, said pins having  
their bearing in the notches of the sills, so that  
10 when they are driven home they draw the

structure together and to the base and the  
base firmly to the ground, substantially as de-  
scribed.

In testimony that I claim the foregoing as  
my own I affix my signature in presence of two 15  
witnesses.

JOHN A. HAY.

Witnesses:

PETER M. FOLEY,  
B. R. MUSGROVE.