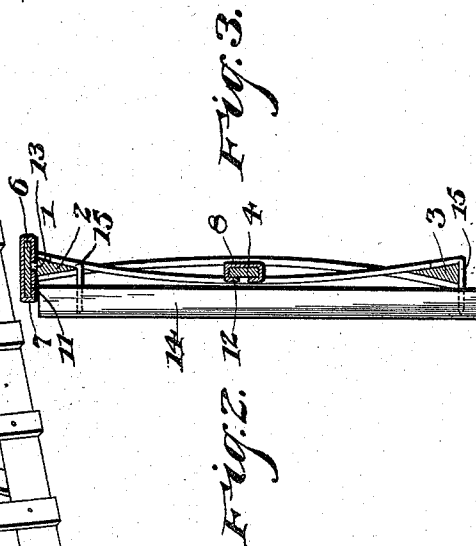
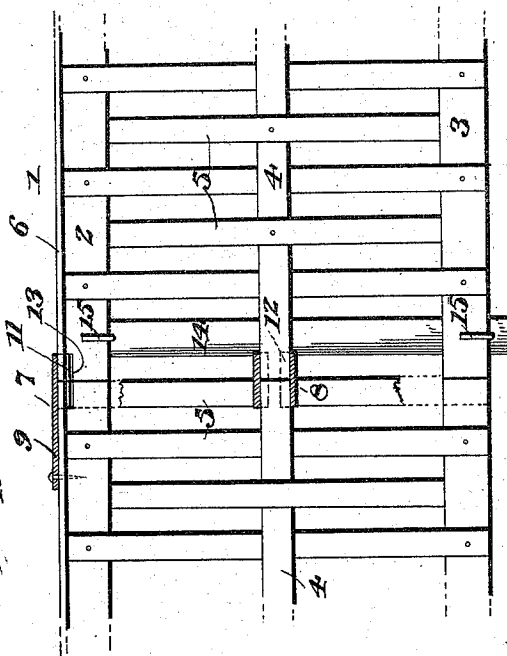
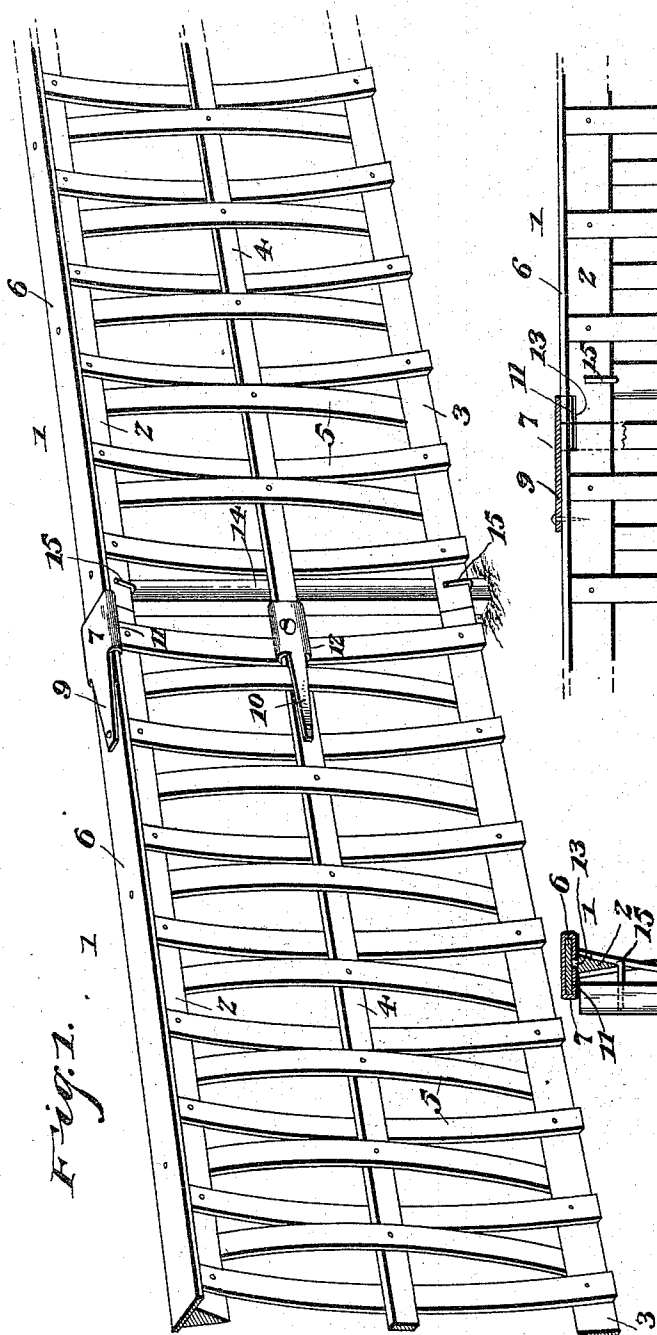


(No Model.)

R. J. CARR.
FENCE.

No. 530,391.

Patented Dec. 4, 1894.



Inventor

Rimmon J. Carr,

Witnesses

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UNITED STATES PATENT OFFICE.

RIMMON J. CARR, OF ROTHBURY, MICHIGAN.

FENCE.

SPECIFICATION forming part of Letters Patent No. 530,391, dated December 4, 1894.

Application filed February 16, 1894. Serial No. 500,370. (No model.)

To all whom it may concern:

Be it known that I, RIMMON J. CARR, a citizen of the United States, residing at Rothbury, in the county of Oceana and State of Michigan, have invented a new and useful Fence, of which the following is a specification.

The invention relates to improvements in fences.

The object of the present invention is to improve the construction of fences, to increase their strength and durability, and to provide a simple and inexpensive one which may be rapidly erected.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a fence constructed in accordance with this invention, and showing two sections or panels coupled. Fig. 2 is a vertical transverse sectional view. Fig. 3 is a side elevation partly in section.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1—1 designate similar fence panels, each composed of horizontal top and bottom rails 2 and 3, an intermediate horizontal rail 4, and pickets 5, which are bowed or swung over the intermediate rail 4. The top and bottom rails 2 and 3 are wedge-shaped in cross-section, and are disposed oppositely, the upper one having its broadest edge at the top, and the lower one having its broadest edge at the bottom of the fence. The pickets 5 are arranged alternately at opposite sides of the fence, and their upper ends receive between them and clamp the wedge-shaped top rail; and the wedge-shaped bottom rail 3 is similarly arranged with relation to the lower ends of the pickets. The intermediate rail, over which the pickets are woven, is also securely clamped by them and protected from injury; and it can be constructed of thin lumber without impairing the strength of the fence.

A horizontally disposed cap or ridge board or rail 6, is secured to the upper broad edge of the top rail 1, and projects laterally there-

from at opposite sides of the fence. The parts of the fence panel are nailed or otherwise fastened at the ends and centers of the pickets; and they mutually contribute to the support of one another and produce a structure of great strength and durability.

The panels are connected to form a fence by upper and lower coupling sleeves 7 and 8 constructed of suitable material, preferably sheet metal, and receiving the adjacent ends of the intermediate rails 4 and the top cap or ridge boards 6. The sleeves are provided with shanks or stems 9 and 10, which are secured to the adjacent portions of the panel; and their body portions may be continuous or, as illustrated in the drawings, the adjacent longitudinal edges may be extended beneath the rails to form flanges 11 and 12. The abutting rails of the panels have their ends fitting squarely against one another, and do not overlap, and the upper wedge-shaped rails 2 are recessed at their upper edges at 13, to receive the flanges 11 of the sleeve 7.

The panels are supported at their ends by a post 14 provided at its top and bottom with hooks 15 receiving the upper and lower wedge-shaped rails of one of the panels.

It will be seen that the fence possesses great strength and durability, that the sections may be quickly connected in building a fence, and that the parts of the panel mutually contribute to strengthen and support one another.

Changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. A fence comprising the upper and lower oppositely arranged wedge-shaped rails arranged at the top and bottom of the fence, the intermediate horizontally disposed rail, and the oppositely bowed pickets alternately arranged at opposite sides of the fence and extending over the intermediate rail and having their ends secured to corresponding faces or sides of the wedge-shaped rails, substantially as described.

2. In a fence, the combination of panels

comprising upper and lower wedge-shaped rails, the intermediate horizontal rail, the oppositely bowed pickets and the ridge boards arranged at the top of the panel, said panels
5 having their horizontal rails and boards abutting, the coupling sleeves receiving the adjacent end of the ridge boards and the intermediate rails and provided with shanks, and a post provided with upper and lower supporting hooks receiving the wedge-shaped

rails of one of the panels, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

RIMMON J. CARR.

Witnesses:

H. H. TERWILLIGER,
IDA DILLABAUGH.