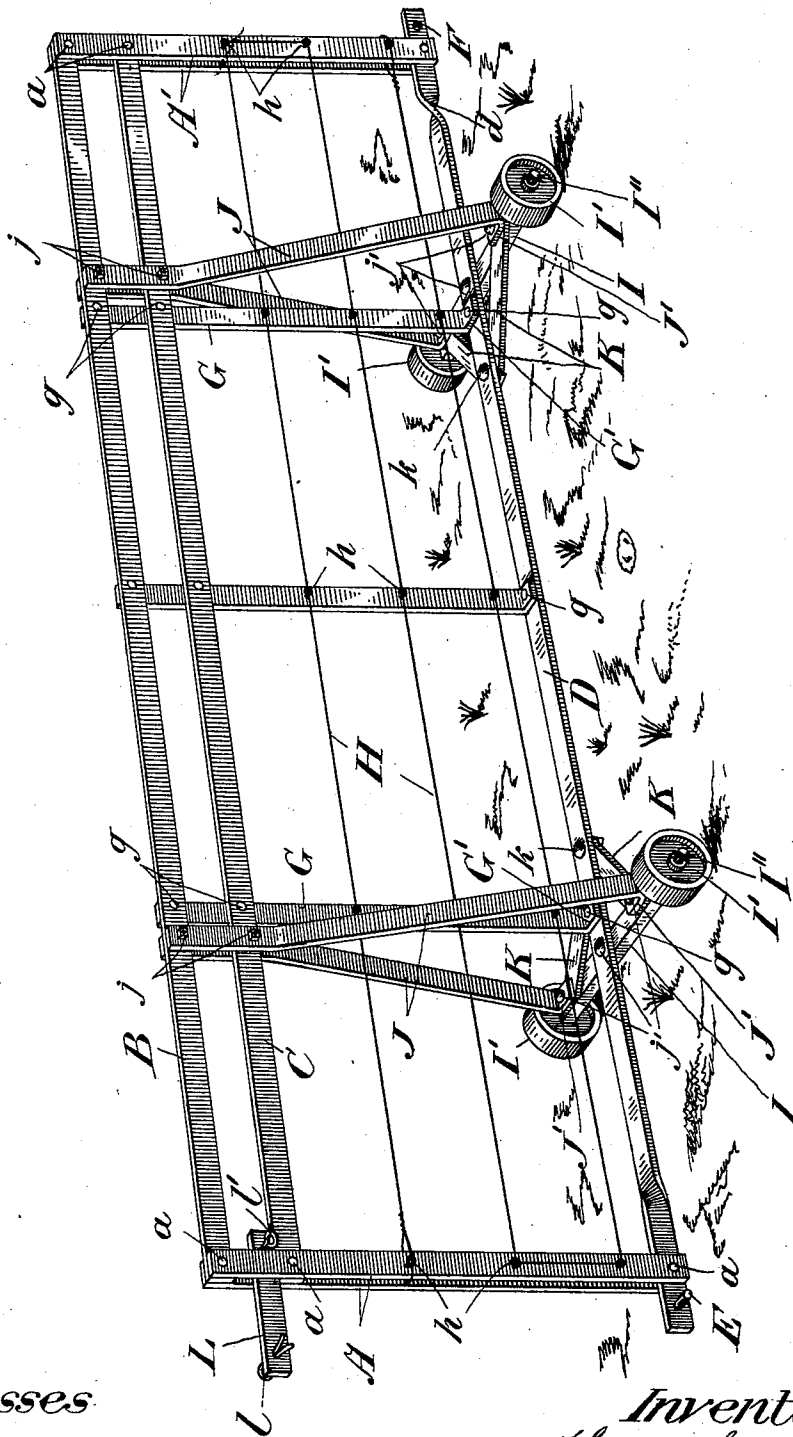


(No Model.)

T. STILLAWAY.
PORTABLE SECTIONAL FENCE.

No. 562,046.

Patented June 16, 1896.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS STILLAWAY, OF BINBROOK, CANADA.

PORTABLE SECTIONAL FENCE.

SPECIFICATION forming part of Letters Patent No. 562,046, dated June 16, 1896.

Application filed September 19, 1895. Serial No. 563,028. (No model.)

To all whom it may concern:

Be it known that I, THOMAS STILLAWAY, of Binbrook, in the county of Wentworth and Province of Ontario, Canada, have invented
5 a certain new and Improved Portable Sectional Fence, of which the following is a specification.

The object of the invention is to provide a portable fence which may be strong and
10 durable and cheap and simple in construction, and the position of which can be readily shifted when set up, and which can be also easily taken apart and packed for transportation; and it consists in a series of panels, the
15 parts of each of which are preferably made of metal and provided with trucks on which they are mounted, and also having a horizontal foot-bar the ends of which are adapted to pass between and be secured to upright
20 struts at the end of each panel, the lower horizontal foot-bar being twisted so as to present a flat surface on which the intermediate struts of the panel may bear and be secured, the said panels being pivotally or loosely connected together, so as to allow for inequalities in the ground, the whole being arranged and connected substantially as hereinafter described.

The figure represents a perspective view of
30 one panel of my portable fence.

In the figure, A A' are the end struts of a section or panel, which are formed in two parts, so that the upper horizontal bar B, the intermediate horizontal brace C, and the lower
35 horizontal foot-bar D may pass between the parts and be secured thereto by rivets a.

The lower horizontal foot-bar D projects at each end beyond these struts A A', and is twisted at d, so that while each end may pass
40 between the upright struts A A' it may present a flat surface, so as to support the intermediate struts G. The feet G' of these intermediate struts G rest upon the flat surface of the lower horizontal foot-bar D and are secured thereto by rivets g. At one end of this
45 bar D there is a pin E, and at the other end thereof there is the hole F, so that when the sections of this fence are arranged together the hole in one section may engage with the pin E in the adjoining section, and thus make
50 a flexible or pivotal connection of the sections near the ground.

It is a continuous piece of wire, which is threaded through the eyelets or keepers h, attached to the struts, the ends thereof being
55 secured to the upright struts by passing between and around one of the parts, as indicated in the drawing.

I are trucks on which each section or panel of the fence is mounted, and comprise detach-
60 able wheels I', axle I'', supports J, and angular braces K. The axle I'' supports the lower horizontal foot-bar D and is secured thereto by bolt j'. The supports J are provided with
65 inturned feet J', which are bolted to the axle I'' by the bolts j', which are provided with nuts. The upper ends of these supports are bolted to the upper horizontal bar B and the intermediate horizontal brace C by the bolts j.
70 The angular braces K are secured at the apex by the bolt k, which passes through them, as well as the lower horizontal foot-bar, and is held in place by a nut. The other ends of the angular braces are secured to the axle I''
75 by the same bolt j', which secures the supports also to the axle.

L is a link which is adapted to pass through one of the sides of the struts of a panel and is held normally in position by the intermediate horizontal brace C. This link is pre-
80 ferably longer than the projection of the lower horizontal foot-bar beyond the outside struts, so as to make a loose connection at the upper ends of the sections, and thus accommodate the upper parts of the panels to undulations
85 in the ground. This link is provided with pins l l', which pass through each end thereof, and are designed to hold the end struts of adjoining sections together, as indicated in the drawing, the pins passing on the inside of the
90 upright struts when the sections are arranged in position together.

This fence is preferably made of metal, and the trucks thereof are, as indicated, readily detachable merely by loosening nuts and removing the bolts. When it is desired to ship
95 or transport this portable fence, the trucks and wheels are detached and packed away separately. Each panel can then when it reaches its destination be readily mounted on
100 and attached to the trucks. Several sections or panels may be joined together and moved by a team of horses to any desired position in the field when the various sections or panels

could be wheeled or moved into the desired position to form the fence.

In building the fence the length of the panels is preferably about sixteen and one-half feet and the height of each panel on its truck about five and one-half feet.

It will thus be seen that I have constructed a fence which is easy of transport and can readily be erected in any position desired.

10 What I claim as my invention is—

1. A portable sectional fence, comprising sections or panels having end struts and intermediate struts and mounted on trucks; means for pivotally connecting the ends of
15 adjoining sections, and a horizontal foot-bar in each section projecting beyond the struts at each end of a section and so twisted as to afford a flat bearing-surface for the intermediate struts of a section which are fastened
20 thereto, substantially as described and specified.

2. In a portable sectional fence, the combination with the frame of a section having a lower horizontal foot-bar of the truck I, comprising detachable wheels I', the axle I'' on
25 which the lower horizontal foot-bar of the section rests; the supports J with inturned feet J'; the angular braces K, the whole being secured together with bolts and nuts, substantially as described and specified.

30 3. In a portable sectional fence, a section

comprising the following elements: the end struts A, A', with bolt-holes; the upper horizontal bar B; intermediate horizontal brace C; the lower horizontal foot-bar D, projecting
35 at each end beyond the struts A, A', and provided at one end with pin E, and at the other with hole F; the rivets *a*; intermediate struts G, with feet G'; the rivets *g*; wire H; keepers *h*; the trucks I, supports J and angular braces K, the links L; and pins *l*, *l'*, substantially as
40 described and for the purpose specified.

4. In a portable sectional fence, the combination of two sections each comprising the end struts A, A' with bolt-holes; the upper horizontal bar B; intermediate horizontal brace C; the lower horizontal foot-bar D, projecting
45 at each end beyond the struts A, A', and provided with pin E, and hole F, which are adapted to engage from adjoining sections so as to pivotally connect the lower parts of adjoining sections; the rivets *a*; intermediate
50 struts G, with feet G'; the rivets *g*; wire H; keepers *h*; the link L, with pins *l*, *l'* to loosely connect the upper parts of adjoining sections, substantially as described and specified.

Toronto, September 10, 1894.

THOMAS STILLAWAY.

In presence of—

W. G. McMILLAN,

E. KATE PHILLIPS.