

(No Model.)

D. MILLIKEN. FENCE.

No. 479,443.

Patented July 26, 1892.

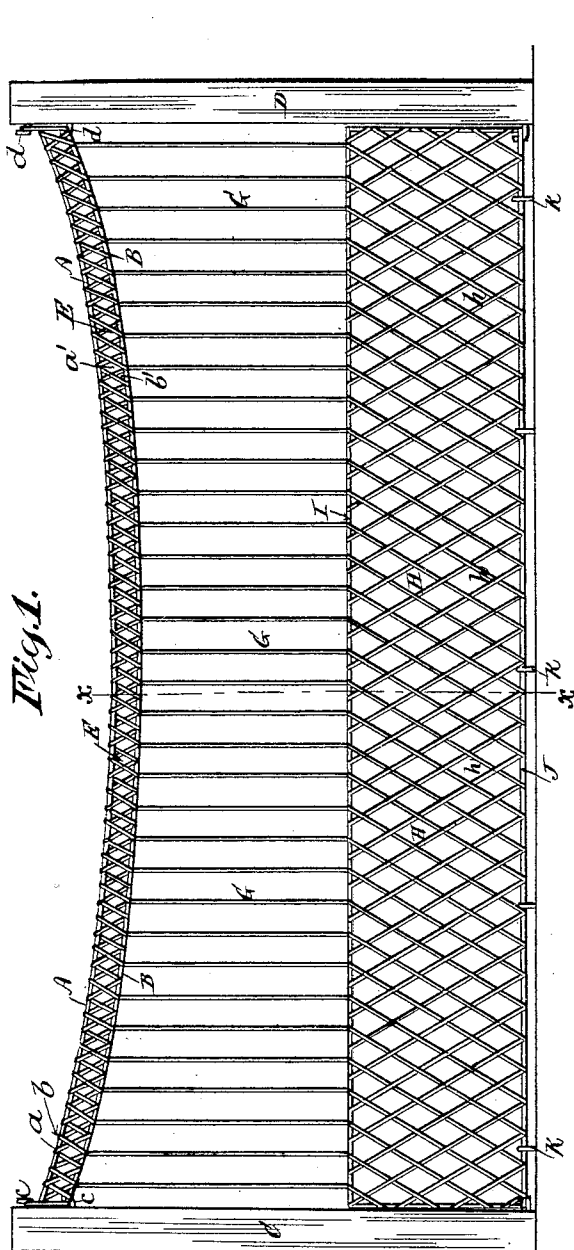


Fig. 1.

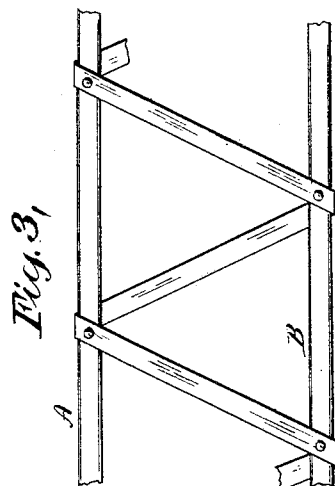


Fig. 3.



Fig. 5.

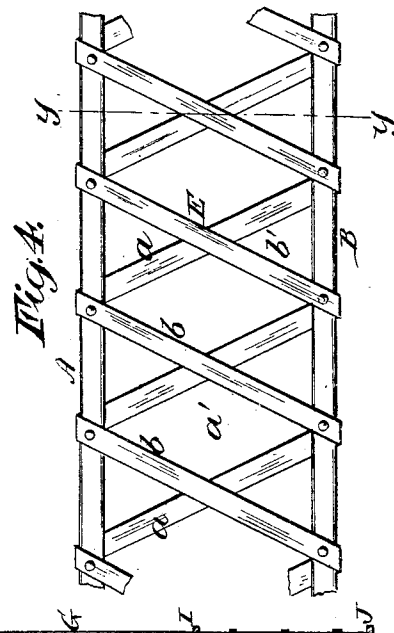


Fig. 4.

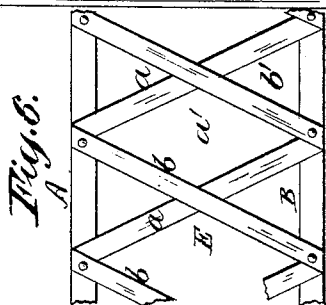


Fig. 6.

Witnesses:
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Fig. 2.

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UNITED STATES PATENT OFFICE.

DAVID MILLIKEN, OF FORT WADSWORTH, NEW YORK.

FENCE.

SPECIFICATION forming part of Letters Patent No. 479,443, dated July 26, 1892.

Application filed November 10, 1891. Serial No. 411,437. (No model.)

To all whom it may concern:

Be it known that I, DAVID MILLIKEN, a citizen of the United States, residing at Fort Wadsworth, in the county of Richmond and State of New York, have invented certain new and useful Improvements in Fences, of which the following is a specification sufficient to enable others skilled in the art to which the invention appertains to make and use the same.

My invention is designed to afford a cheap and effective construction of ornamental fence that can be quickly and conveniently made and placed in position and adapted to the varying requirements of actual use.

The invention consists, primarily, in supporting the main body of the fence upon one or more suspenders at top, and, secondarily, in the special construction and arrangement of parts, hereinafter described, whereby sheet metal or other suitable material in strips is utilized in the production of the lattice-work.

In the accompanying drawings, Figure 1 is an elevation of a section of my improved construction of fence; Fig. 2, a transverse section upon plane of line *x x*, Fig. 1; Figs. 3 and 4, detail views illustrating a preferred method of forming the upper lattice-work. Fig. 5 is a transverse section upon plane of line *y y*, Fig. 4; Fig. 6, a detail view showing a modified construction of the upper lattice-work.

In carrying out my invention I stretch suspenders A B, of suitable length, between the two posts or supports C D. These suspenders A B may consist of comparatively-thin strips of metal, or wire or rods, preferably of metal. They are attached at their extremities to hooks *c c d d*, or equivalent means of support, and may be drawn taut and horizontal, if desired, though I prefer to arrange them in parallel curves, substantially as shown in Fig. 1, so as to render the fence more graceful and attractive in appearance.

The two suspenders A B are connected by lattice-work E. This lattice-work may be formed of short strips of metal secured diagonally to and between the suspenders A B, as shown in Fig. 6. A more desirable method

of construction, however, is that shown in the other figures and in detail in Figs. 3 and 4, in which long strips *a b* are wound around the two suspenders at a suitable angle, the strips being arranged substantially parallel to each other, at suitable distances apart, so as to form the diamond-shaped spaces and angles *a' b'*. The strips *a b* are secured to the suspenders A B by riveting or by any other means that may be found desirable.

Attached to the lower suspender B is a series of pendent strips or rods G G, to the lower extremities of which the lower lattice-work H is secured. This lower lattice-work H is made up of strips *h*, diagonally arranged across each other between the longitudinal strips or bars I J, to which they are secured, or they may be formed by winding two ribbons around the longitudinal strips or bars I J, substantially as described in relation to the upper lattice-work. The lower lattice-work H is steadied in position by attachment to the supports C D, either directly or through the medium of the parallel bars I J. It may also be rendered more stable against lateral displacement by connection with the ground at the bottom, as indicated at *k k*, as by pins or staples driven into the ground.

An ornamental and attractive fence may thus be constructed according to my invention, for gardens and similar uses, at much less expense than has heretofore been practicable. While it can be quickly and conveniently constructed upon the ground where wanted, if desired, and adapted to the special conditions and requirements of special use with unusual facility, it may also be made in the shop with even greater facility complete for hanging upon the supports, and since it may be rolled up for transportation its advantages over the ordinary fence are numerous and obvious.

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

1. In a fence substantially such as described, the combination of the supports C D, suspenders A B, upper lattice-work *a b*, pendants G, lower lattice-work H, and means for securing said lower lattice-work H against

lateral displacement, the whole arranged substantially in the manner and for the purpose described.

2. In a fence substantially such as described, the combination of the supports C D,
5 suspenders A B, upper lattice-work *a b*, pendants G, lower parallel bars I J, and lower lat-

tice-work H, the whole arranged and operating substantially in the manner and for the purpose described.

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Witnesses:

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