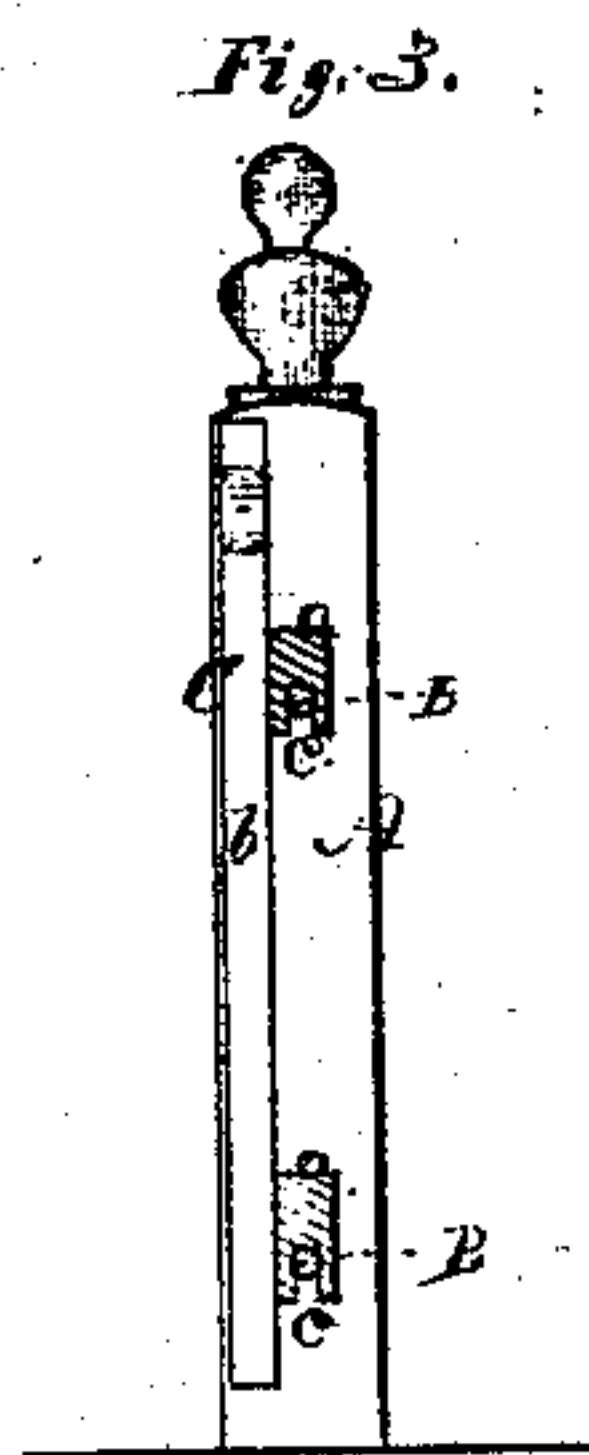
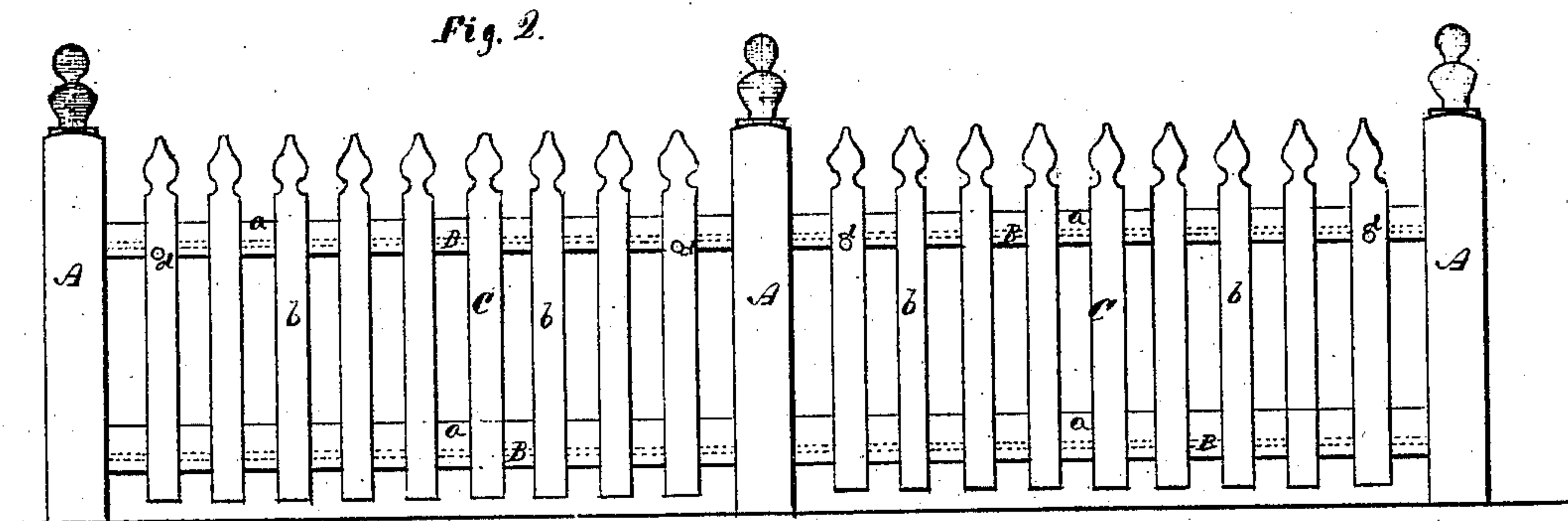
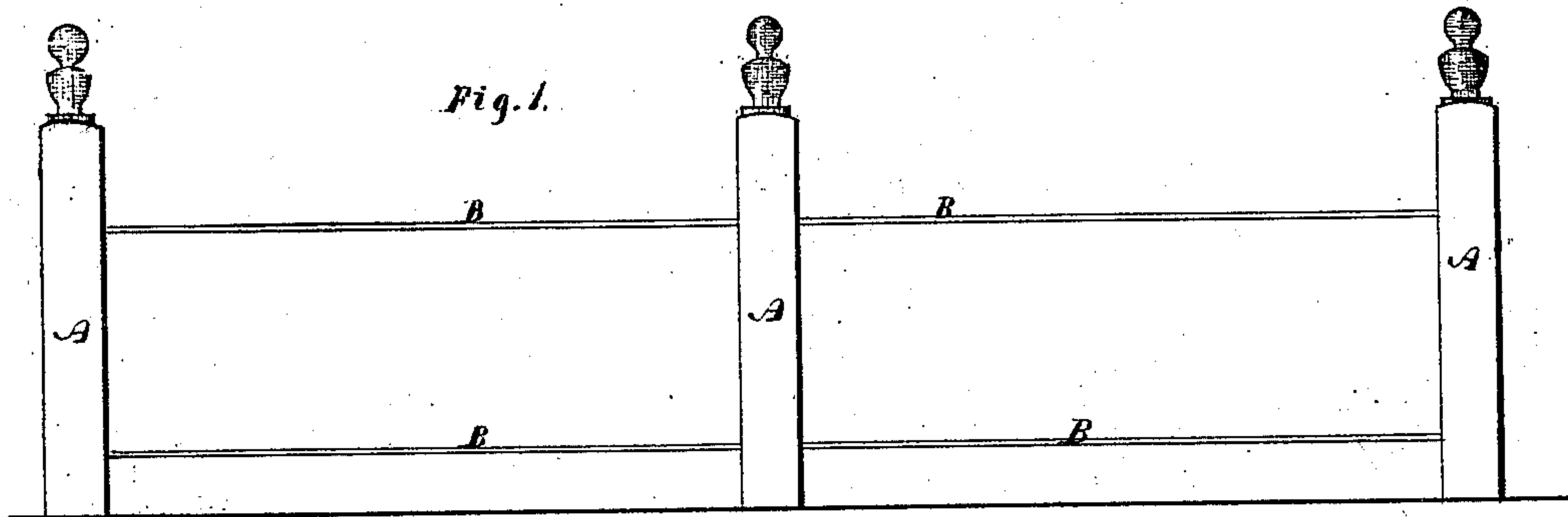


I. M. West,

Fence.

No. 106640.

Patented Aug. 23, 1870.



Witnesses:-

D. J. Brown

G. A. Harkness

Isaiah M. West,

By his atty.,

J. A. Brown.

United States Patent Office.

ISAIAH M. WEST, OF WILMINGTON, OHIO.

Letters Patent No. 106,640, dated August 23, 1870.

IMPROVEMENT IN FENCES.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, ISAIAH M. WEST, of Wilmington, in county of Clinton and State of Ohio, have invented an Improved Fence; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification,

Figure 1 being a side view of a portion of my improved fence, the panels or sections of palings being removed.

Figure 2 a side view of the same, with the panels or sections attached.

Figure 3 a transverse section of the fence, as in fig. 2.

Like letters designate corresponding parts in all the figures.

The nature of my invention consists in the employment of wires, stretched from post to post, for supporting the panels or sections, bodily; and in a peculiar mode of suspending the panels or sections upon the wires, by grooving the under sides of the rails of the panels to fit over the wires, substantially as and for the purposes herein set forth.

Between the posts A A two wires B B are stretched, and fastened in any convenient manner, the positions of the wires generally corresponding with the positions of the rails *a a* of the panels or sections, C C, substantially as shown. These panels or sections, made of rails, and of palings or pickets, *b b*, or by any other desired construction, are to be simply suspended upon the said wires. The mode of suspension may be by hooks, or any other suitable means.

But, as an additional feature and advantage of my invention, I form longitudinal grooves *c c* respectively in the under sides of the panel-rails *a a*, wide and deep enough to fit over and inclose or conceal the wires, as shown, so that the panels are supported their whole length, and thus held straight and firm; and, what is of more importance, the wires are covered and protected from the weather, so as to prevent their

rusting. Thus I obviate a serious objection to the use of iron, in connection with the wooden palings or pickets, since the wires thus protected will not stain the palings by the trickling down of water impregnated with iron rust on the same, for even should the wires rust, they could not stain the palings, which are kept away from contact with them. The panels or sections may be held on the wires by pins *d d*, passed through the rails or palings under the wires, but this is not generally necessary, the weight of the panels being sufficient to keep them in place, and they are readily removed at any time for any purpose.

The posts A A may be set at a double distance apart, or at a greater distance than usual; and the middle of the panel, if desired, may be additionally supported by a stone, or any equivalent means.

Among the advantages of this fence are—

First, its greater cheapness, since a smaller number of posts is needed; the supporting wires are cheaper than rails; the panels or sections may be made very much lighter than usual, thus requiring less material; and the fence is put up with less labor and expense.

Second, its durability, from the use of the wire rails, and the protection of the wires from exposure, so as to avoid, also, staining the panels and posts.

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

The combination of the wires B B and the panels or sections C C, when the said panels or sections are suspended upon the wires by means of their rails *a a*, in the under sides of which are grooves *c c* to receive the wires, substantially as and for the purpose herein specified.

Specification signed by me this 31st day March, 1870.

ISAIAH M. WEST.

Witnesses:

MELVILLE HAYES,
JAMES H. WEST.