

G. S. Mills,

Wood Fence.

No. 100310.

Patented Mar. 1. 1870.

Fig. 1.

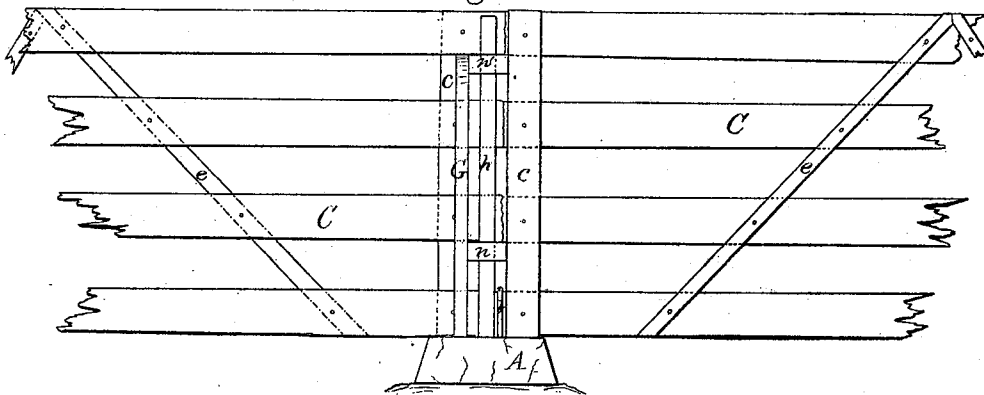


Fig. 2.

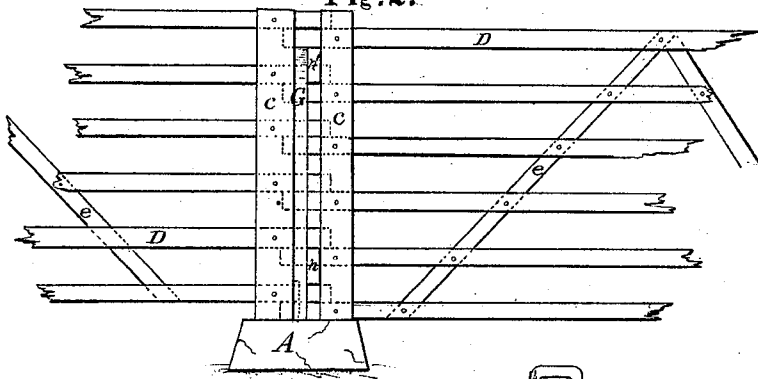


Fig. 3.

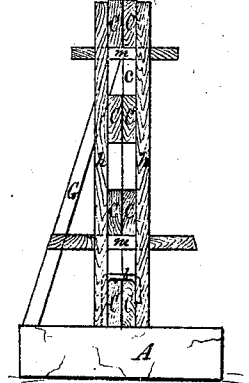
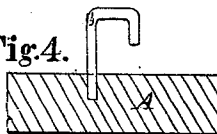


Fig. 4.



Witnesses.

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GEORGE S. MILLS, OF JOHNSON, VERMONT.

Letters Patent No. 100,310, dated March 1, 1870.

IMPROVEMENT IN FENCE.

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, GEORGE S. MILLS, of Johnson, in the county of Lamoille, and State of Vermont, have invented a new and valuable Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a side view of my fence, with board sections.

Figure 2 is a side view of same, with rail sections.

Figure 3 is a vertical cross section of the board fence.

Figure 4 is a sectional view of stone foundation-block.

My invention relates to fences, and consists mainly in the construction and novel arrangement of devices whereby a wooden fence may be built on a stone foundation, in an expeditious, cheap, and durable manner.

The letter A of the drawings designates one of the foundation-blocks of stone, into which is inserted the hook *b*, usually of half-inch iron rod.

The wooden portion of my fence is constructed with rails D or boards C, in sections. These sections of fence are built before any of the fence is put up, usually, so that there will be no delay.

Each section is composed of as many horizontal parallel rails or boards as may be wished, attached together by the headers *e e* at each end, and strengthened and braced in the middle by the diagonal ties *e e*.

When it is desired to put up this fence, the stone blocks are laid around the piece of ground to be inclosed at equal distances apart. The sections of fence are then placed upright on the foundation-blocks, the

ends of the lowest boards or rails of each section being inserted under the iron hook in such a manner as to lap each other, the hook binding both firmly down to the stone.

The fence is steadied and kept in an upright position by means of the braces G G, whose feet rest on the stone block A on each side of the fence, and which are secured together at top and bottom by the ties *n n'*, upon which rest, respectively, the second and last rails of each section, counting from the bottom.

In case my fence is constructed of boards C, instead of rails D, one of the upright standards C may be omitted, and the braces G supplied, as shown on fig. 1 of the drawings.

In building the rail fence the ends of the lower rails which pass under the hook are lapped over each other, but in constructing the board fence they rest side by side on the stone, the hook binding on the upper edges of both.

The upright clamps *h h* are used to bind together the ends of the boards C-C, and for this purpose are passed through the slots *m m* cut in the ties *n n'*.

It is apparent that my fence can be manufactured in sections, easily transported, and quickly put together and erected.

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

The blocks A, in combination with the hooks *b*, substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

GEO. S. MILLS.

Witnesses:

C. C. CHADWICK,
JOHN HOLMES.