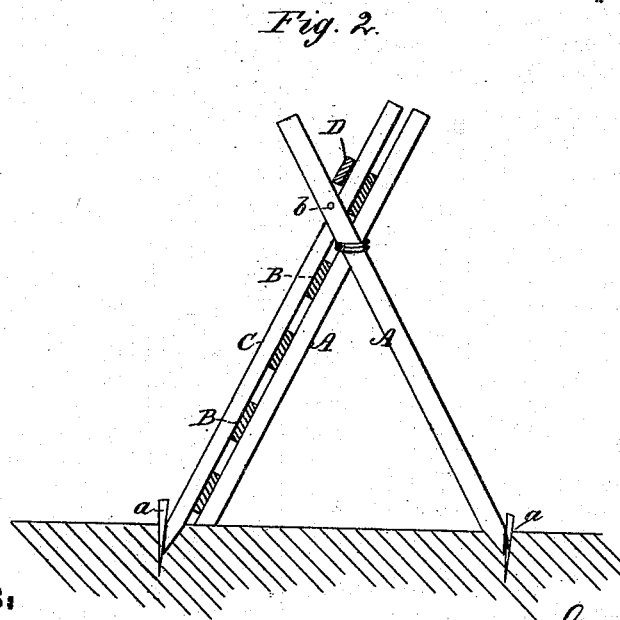
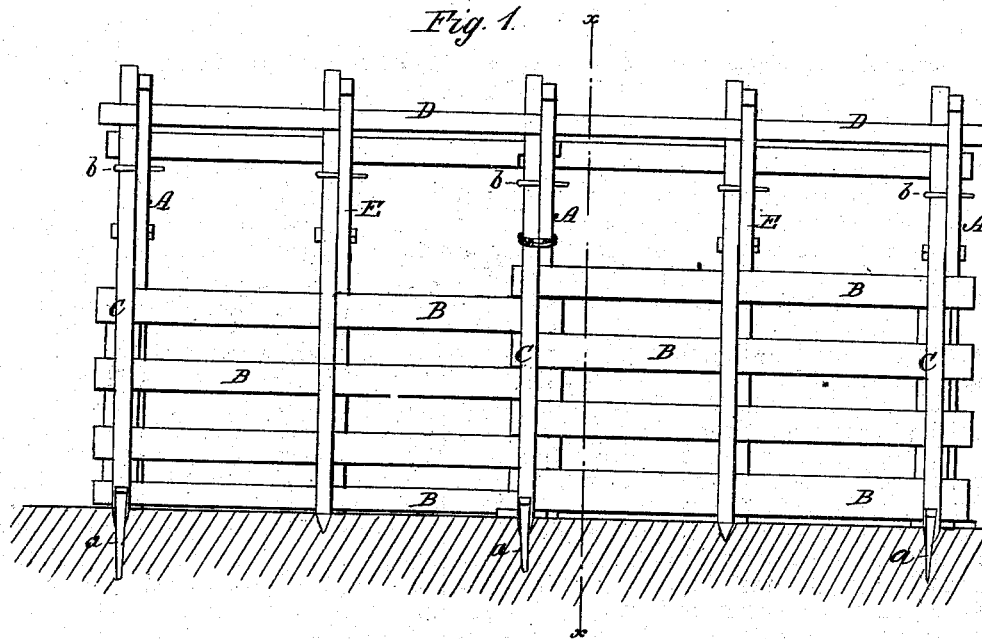


S. CRUM.  
FARM FENCE.

No. 182,418.

Patented Sept. 19, 1876.



WITNESSES:  
*J. Chemon*  
*A. W. Cart*

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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

STRANDER CRUM, OF MACON, MISSOURI.

## IMPROVEMENT IN FARM-FENCES.

Specification forming part of Letters Patent No. 182,418, dated September 19, 1876; application filed July 1, 1876.

*To all whom it may concern:*

Be it known that I, STRANDER CRUM, of the city and county of Macon and State of Missouri, have invented a new and Improved Portable Fence; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a side elevation. Fig. 2 is a vertical section on line *x x*, Fig. 1.

My invention relates to certain improvements in that class of portable fences in which jointed inclined stakes are arranged with bars upon the outside of one of the stakes, alternating with each other; and it consists in the arrangement of a set of binders with the said stakes and bars, which binders are disposed parallel with the stakes, and upon the outside of the ends of the bars, and fastened at the top to one of the stakes by means of a pin, and at the bottom by being driven into the ground.

In the accompanying drawing, A represents the stakes of the fence, which are in dimension about two by four inches, jointed near their upper ends either by a bolt passing through the same or by means of wire wrapped around them. These stakes are opened at the bottom a distance of about four feet, more or less, and are preferably let into the ground a few inches to give them firmness. The bars or boards B are then placed upon the inclined sides of one of the stakes, and are arranged with the ends of the bars of one panel alternating and resting upon the ends of the bars of the next.

If, however, this arrangement is found to bring the bars too close together, blocks may be interposed between their adjacent ends; while, on the contrary, if too large a space is left between the same, the ends of the bars may be notched or reduced in size transversely to compensate for this difficulty.

After the fence has been thus built up of the bars, arranged as described, the binders C are then adjusted. These binders are made of scantling, from two by two inches to two

by four inches, and, their ends being inserted in the ground at the bottom of the stakes upon the outside of the bars, they are held in such position by means of pins *a* driven down beside the same, which pins are also used at the foot of the stakes upon the opposite side. The binders are then secured by pins *b* at the top, which are driven through the stakes and serve to hold said binders tightly down upon the bars in such a manner as to permit the building of the bars up above the fork of the stakes. D is the rider, which may be employed when it is not desired to build up the fence above the fork.

In constructing fences with eighteen feet bars, forming long panels, intermediate stakes and binders E of the same construction and arrangement will be used for imparting additional strength; but when the bars are made shorter these intermediate braces and binders may be dispensed with.

The advantages of my improved fence rest principally in the ease of its construction, the arrangement of the bars upon the sides of the frames permitting, by reason of their inclined position, the building up of the whole panel of the fence before the binding of the same by the binders, so that the bars may be readily placed laterally in position one above the other without the trouble of inserting one end at a time, as in the old way.

If it is desired, moreover, to fence against horses and cattle, two or three bars may be used in the fork at the top; or, if it is desired to fence against hogs, two or three bars may be employed at the bottom.

Having thus described my invention, what I claim as new is—

The binder C, having its lower end driven into the ground and its upper end secured by pin *b*, in combination with the jointed stakes A and the bars B, arranged upon one of the inclined sides of said stakes, as and for the purpose described.

STRANDER CRUM.

Witnesses:

JOHN MCLAIN,  
JAS. G. HOWE.