

J. B. MYNATT.
Water Bed Fence.

No. 239,532.

Patented March 29, 1881.

Fig. 1.

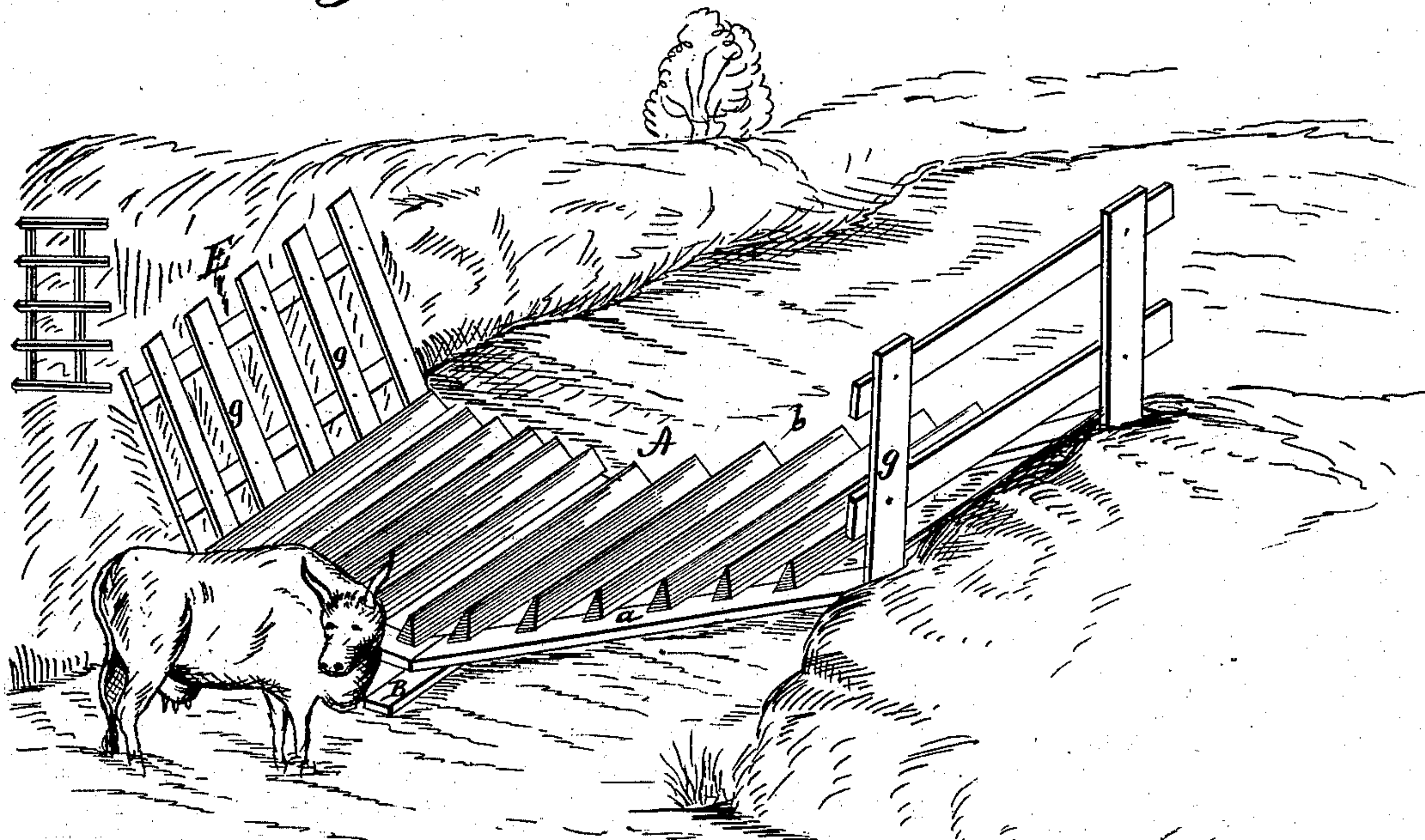


Fig. 2.

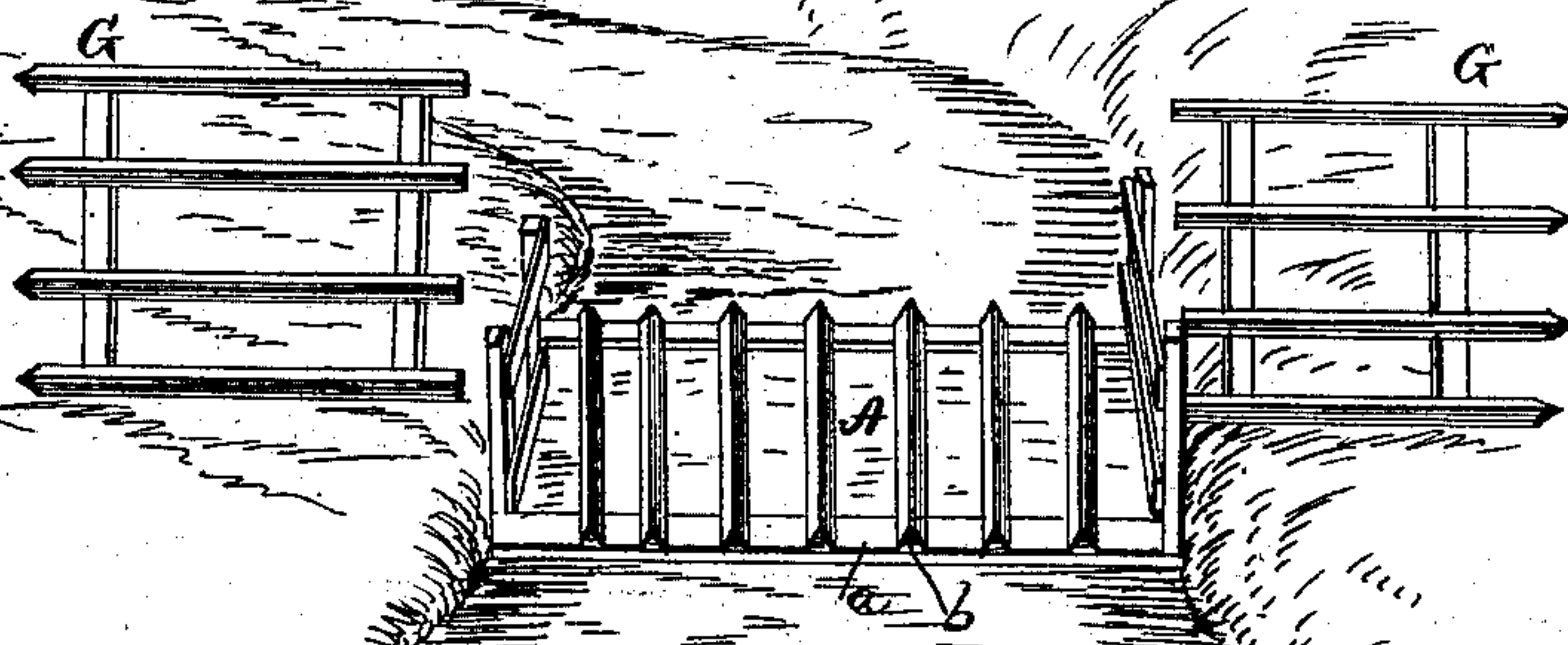
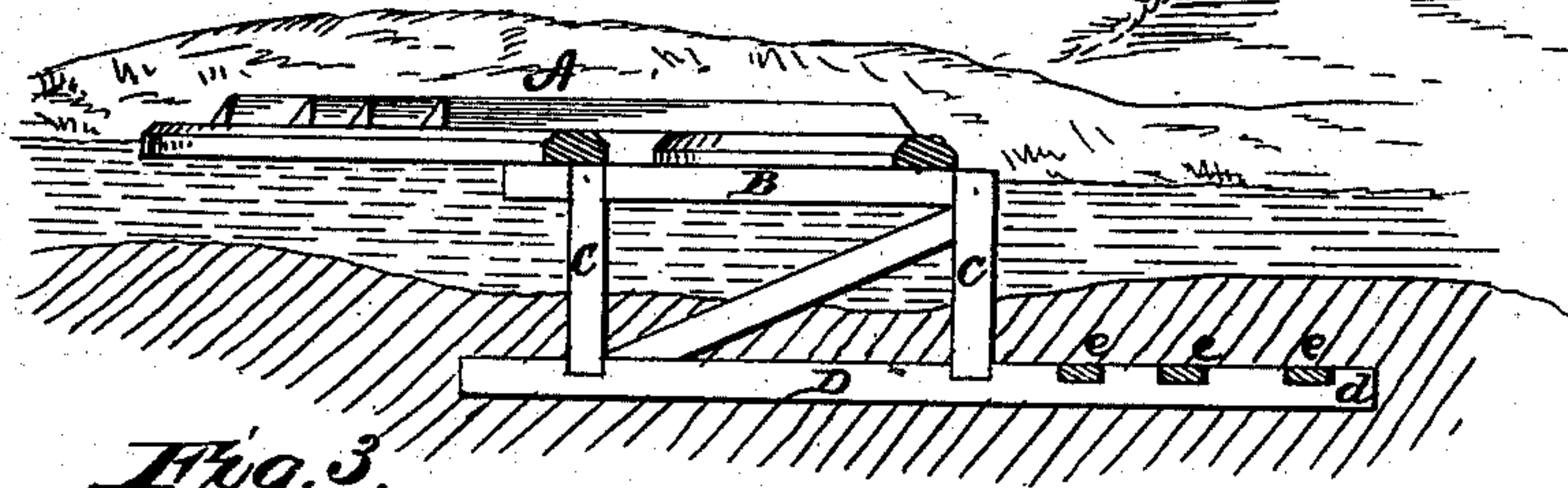


Fig. 3.



Witnesses.
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JOHN B. MYNATT, OF EASTA BOGA, ALABAMA.

WATER-BED FENCE.

SPECIFICATION forming part of Letters Patent No. 239,532, dated March 29, 1881.

Application filed October 27, 1879.

To all whom it may concern:

Be it known that I, JOHN BARTON MYNATT, of Easta Boga, in the county of Talladega, and in the State of Alabama, have invented certain new and useful Improvements in Water-Bed Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to that class of fences known as "water-bed fences," which are designed to prevent the escape of animals by way of the bed of a stream passing through an inclosure.

The invention has for its objects to provide an obstruction or barrier for the animals, which, while it will prevent any possibility of the escape of the animal, will leave the bed of the stream free for the passage of any ordinary volume of water, and which will not collect drift-wood or debris, and thus dam up the stream and endanger the fence. These objects I attain by the devices illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved fence applied to a stream, looking down stream. Fig. 2 illustrates a similar view of a modification of my invention; and Fig. 3 illustrates a detached view, representing a method of securing the fence at the center to the bed of the stream.

In Fig. 1 the fence is represented as applied to the stream having a high sloping bank on the left and a low bank on the right hand side. The letter A indicates the portion of the fence occupying the bed of the stream. This consists of two sections extending at an angle from the banks up stream. The said sections are composed of logs or sills *a*, which are secured in trenches dug in each bank, and to the sill B, at the center of the bed of the stream, at their opposite ends, and the angular sills or logs *b*, which are bolted to the upper sides of the said logs or sills *a* longitudinally to the stream. The sill B is secured to the uprights C, which are supported at their lower ends in a mud-sill, D, buried longitudinally under the sill B, which extends longitudi-

nally to the direction of the stream, as shown in detail in Fig. 3, which represents a side view of the sills and a longitudinal section of the bed of the stream. The sill D projects beyond the structure down stream, as indicated by the letter *d*, and has a series of transverse beams, *e*, let into it, which form a platform for the reception of stones or heavy weights, by means of which the sill may be anchored to the bed of the stream.

The letter E indicates the bank or side sections of the fence. These, when the bank is high and inclined, are constructed of a series of beams, *g*, driven in the bed at the bank, and connected by cross-timbers, the section resting against the inclined side of the bank, so as to prevent the animal obtaining a footing thereon. When the bank is low the side section is similarly formed, but is supported vertically in the ground.

In Fig. 2 is shown a modification of the fence adapted to a narrow stream having low walls on both sides. In this modification the sills *a* are secured in trenches on each side of the bank, and extend directly across the stream, being provided with longitudinal angular beams *b*, as in the first-mentioned form of fence.

The letter G indicates the ordinary fence surrounding the inclosure, which is carried up to the side or bank sections of the water-bed fence, as shown, to prevent the passage of animals between the two fences.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A water-bed fence composed of the side sections meeting at an angle in the center of the stream, and secured to the banks thereof at one end, the adjoining ends at the center being secured to a longitudinal sill supported and secured to a lower sill anchored in the bed of the stream, substantially as herein specified.

In testimony that I claim the foregoing I have hereunto set my hand this the 1st day of October, 1879.

JOHN BARTON MYNATT.

Witnesses:

H. AUBREY TOULMIN,
JAMES M. MILAM.