J. A. KNEPPER.

GATE.

No. 169,449. Patented Nov. 2, 1875.

Fig: 1.

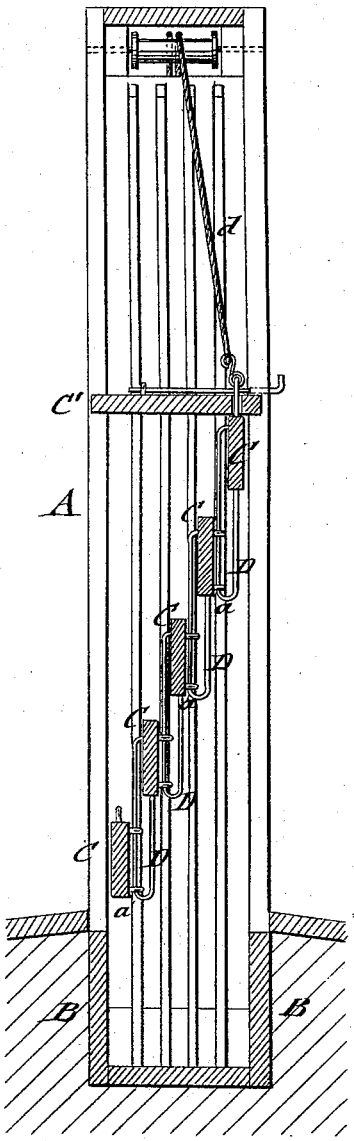



Fig: 2.

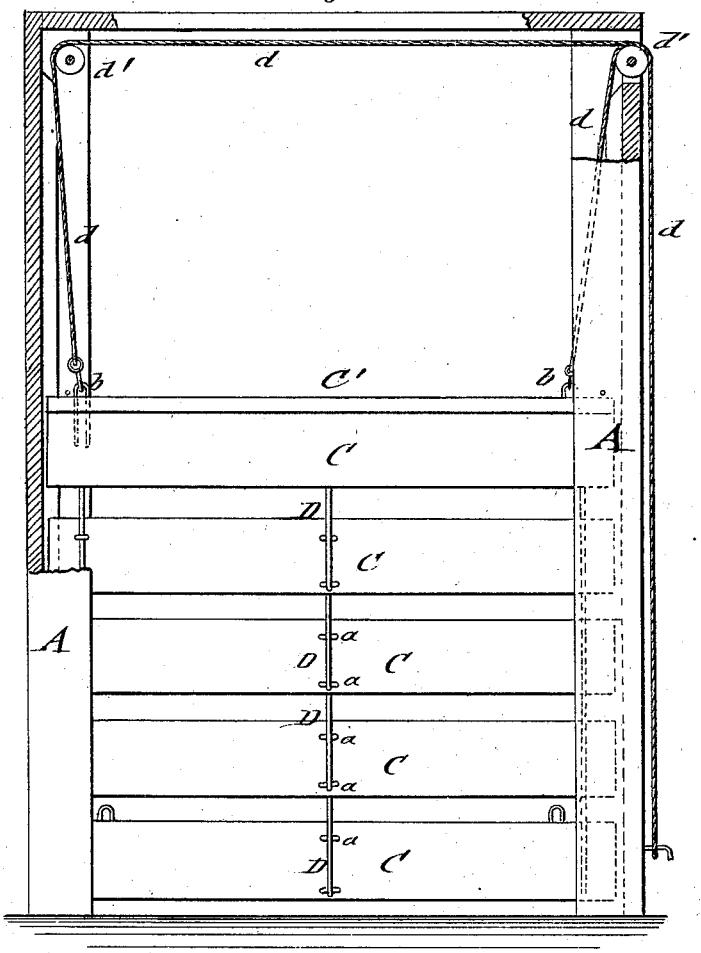
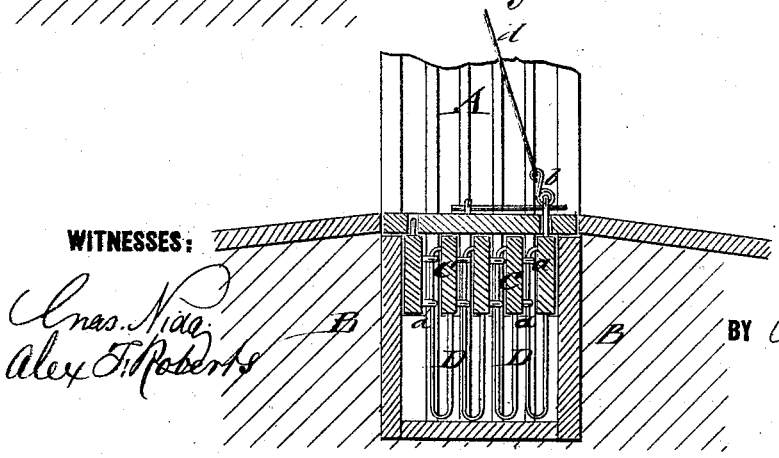



Fig: 3.

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# UNITED STATES PATENT OFFICE.

JOHN A. KNEPPER, OF DELTA, OHIO.

## IMPROVEMENT IN GATES.

Specification forming part of Letters Patent No. **169,449**, dated November 2, 1875; application filed August 14, 1875.

*To all whom it may concern:*

Be it known that I, JOHN A. KNEPPER, of Delta, Fulton county, Ohio, have invented a new and Improved Gate, of which the following is a specification:

Figure 1 represents a vertical transverse section of my improved gate. (Shown in closed position.) Fig. 2 is a front view of the same; and Fig. 3 is also a vertical transverse section, showing the gate in open position.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved gate for farm and other purposes, which may be readily opened and closed and adjusted to any suitable height without taking up space in opening and closing the same.

The invention consists of a gate composed of sliding link-connected rails or sections that are raised by a cord and pulley in grooved posts or standards, and folded into a base-box set into the ground to be covered by the top piece or plank of the gate.

In the drawing, A represents the side posts or standards of my improved gate, which are connected by a stiffening-piece at the top, and a base-box, B, set in the ground. The posts A are grooved or provided with guide-strips for the sliding rails C of the gate, as many grooves being provided as there are cross-rails or sections in the gate. The gate is made of a suitable number of rails, C, which slide up to suitable height in the posts, one rail being connected to the other by links D, which slide in staples *a* of the lower rail, and are firmly applied to the next adjoining rail. The uppermost rail C is attached to the top piece C′, which is of the same width as the posts and base-box, so that it fits closely and forms the cover of the latter, when the gate is locked and folded up within the box. The top piece C′ is attached by staples *b* to cords *d* that pass over top pulleys *d′* to the outside of one post, where they may be provided with balance-weights, so that the gate may be opened and closed like a sash. The cords may also be applied without weights to a hook near the bottom of the post, according as the gate is desired to be set at different heights. As the rails slide each in its groove the gate opens and closes readily, the rails resting when the gate is open on the bottom of the base-box, with the links projecting downward, while the top piece closes the box and protects the rails stored away within the same. The top piece is level, or nearly so, with the ground, so that vehicles may readily pass over the same. The gate takes up no space for swinging open, &c., and is easily and conveniently operated in a neat and compact manner.

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

1. A gate constructed of rails or sections, connected by links sliding in staples of one rail, and being attached to the next rail, so that the rails may be folded sidewise of each other to the height of one rail, substantially as specified.

2. A gate, made of separately-sliding and link-connected rails, and of a horizontal top piece, in combination with the base-box set into the ground for storing the folded gate, and inclosing the same securely for the passage of vehicles, &c., substantially as specified.

JOHN A. KNEPPER.

Witnesses:
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