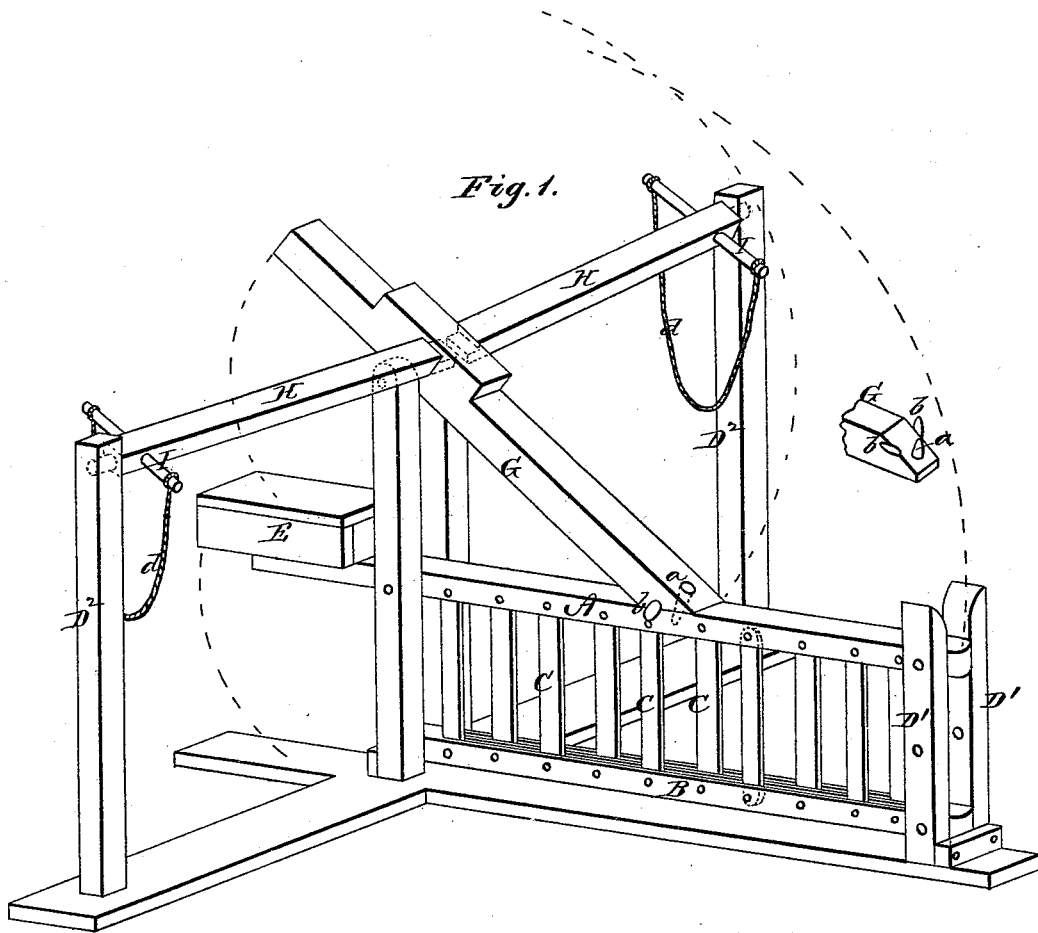


L. S. COHN.

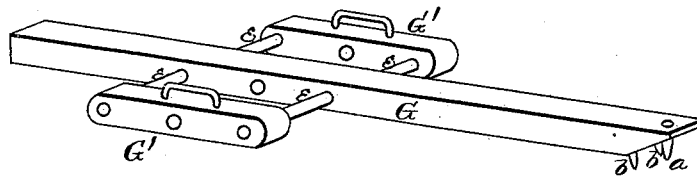
Gate.

No. 165,792.

Patented July 20, 1875.



*Fig. 2.*



WITNESSES

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INVENTOR

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*Per Alexander Watson*

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# UNITED STATES PATENT OFFICE.

LEOPOLD S. COHN, OF BERLIN, WISCONSIN.

## IMPROVEMENT IN GATES.

Specification forming part of Letters Patent No. 165,792, dated July 20, 1875; application filed March 6, 1875.

*To all whom it may concern:*

Be it known that I, LEOPOLD S. COHN, of Berlin, in the county of Green Lake and in the State of Wisconsin, have invented certain new and useful Improvements in Gates; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a gate, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my gate, and Fig. 2 is a perspective view of a modification of the locking-lever.

The gate proper is composed of a top beam, A, and bottom beam B connected by means of pivoted bars C C, which may be arranged in one or two rows, according to the distance desired, between the bars. The inner end of the top beam A is pivoted between two upright posts, D D, and extended beyond the same for a suitable distance. This extended end of the beam is provided with a weight, E, to overbalance the gate and turn it in an upright or nearly upright position. When in this position the bottom bar B is folded close to the top beam A by the bars C C being pivoted in grooves on the beams. When the gate is down its outer end is between two posts, D<sup>1</sup> D<sup>1</sup>, as shown. Between the upper ends of the posts is pivoted a locking bar or lever, G, one end of which is beveled to fit on top of the beam A when the gate is closed, and in said beveled end of the locking-lever is a pin, *a*, fitting in a hole on the beam, and thereby locking the gate. On each side of the lever G at this end is a projection, *b*, which acts as a guide to insure the proper working of the locking-lever. From each

side of the locking-lever G, near the pivot-point, projects a bar, H, which is held rigidly in the lever, and the other end of said bar journaled in a post, D<sup>2</sup>, located a suitable distance from and on a line with the posts D. At the outer end of each bar H is a lever, I, passing through it, and to the ends of each lever is attached a cord, *d*, as shown.

It will readily be seen that by pulling on the end of either lever away from the gate the locking-lever G is turned to raise the pin *a* out of its hole or socket in the beam A, and as soon as the pin is out of the same the weight E will raise the gate. By pulling on the other end of either lever I the locking-lever G forces the gate down until the pin *a* can enter the hole or socket and lock the gate.

Instead of having the inner ends of the bars H H fastened directly in the locking-lever G, they may be attached to auxiliary or side bars G' G' fastened to the locking-lever G by rods *e e*, as shown in Fig. 2.

If desired, the outer end of the gate may be held slightly elevated by means of pins passed through holes in the posts D<sup>1</sup>, so as to allow smaller animals to pass through, while larger ones are excluded.

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

1. The combination of the weighted pivoted gate A B C, and the pivoted locking-lever G, provided with the pin *a* and guide-projections *b b*, substantially as and for the purposes herein set forth.

2. The combination of the locking lever G, bars H H, and levers I I, with or without the side bars G' G', as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of January, 1875.

LEOPOLD S. COHN.

Witnesses:

GEO. D. WARRING,  
FRANK E. WATSON.