

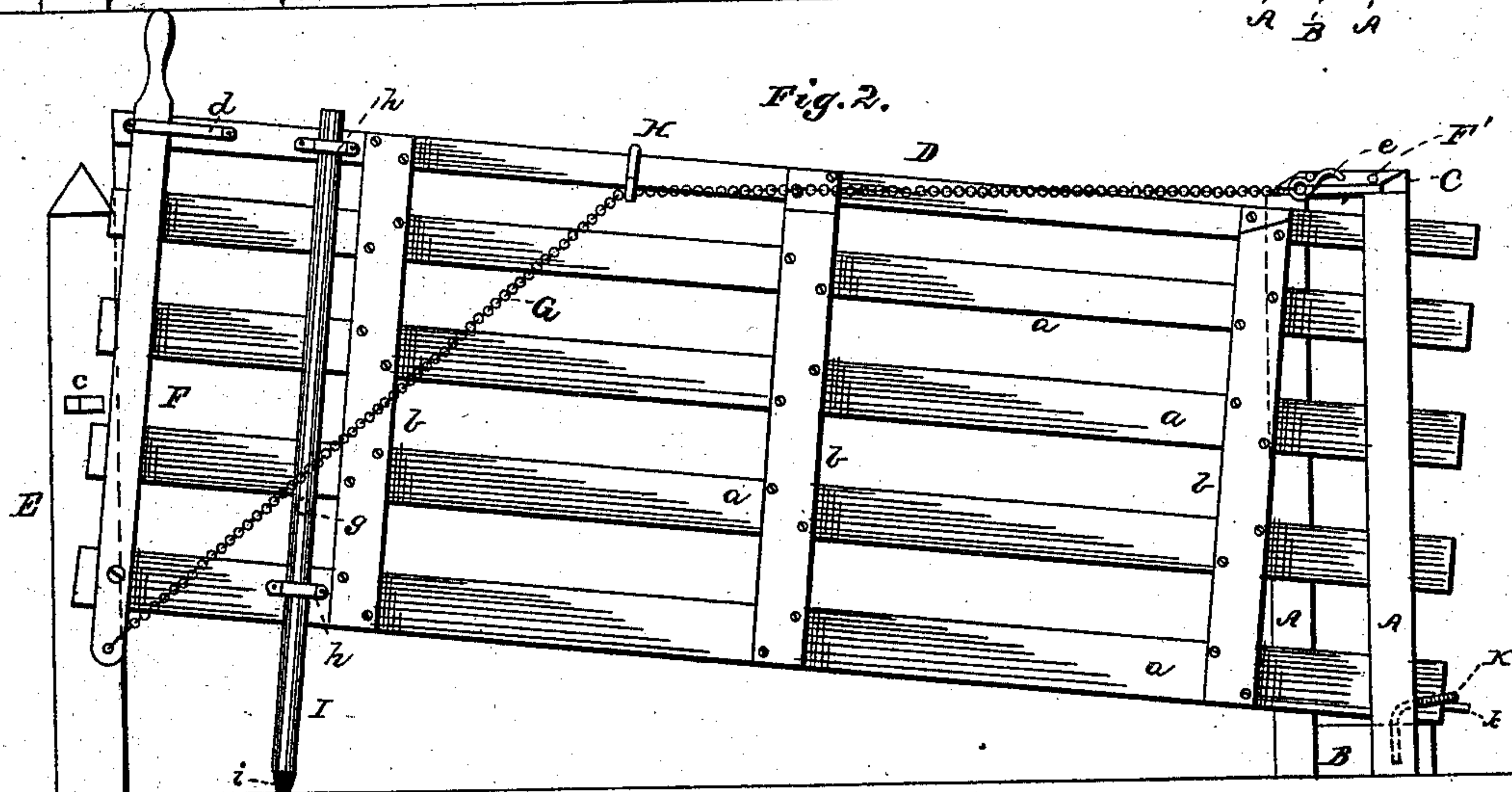
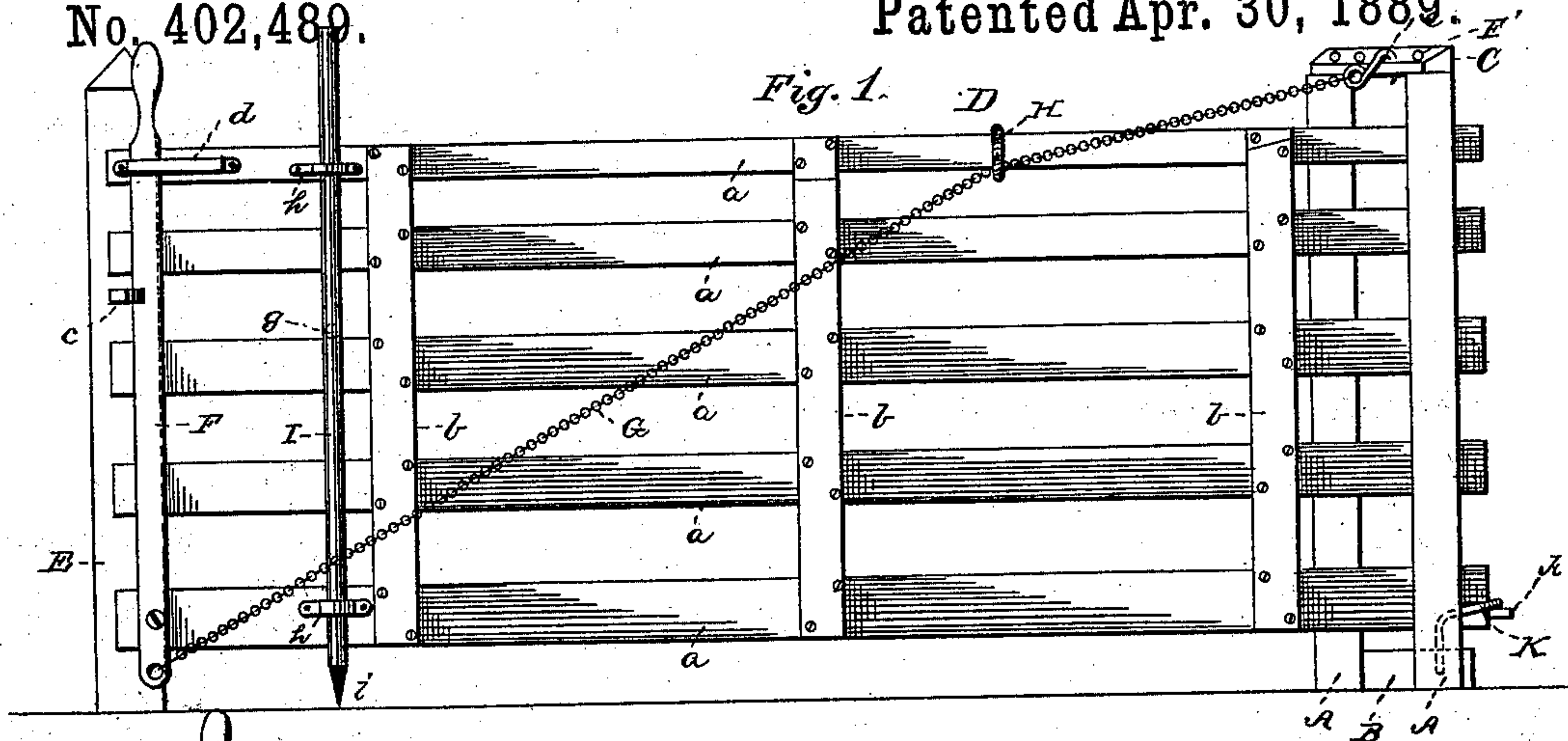
(No Model.)

S. S. & J. G. SHERMAN.

FARM GATE.

No. 402,489.

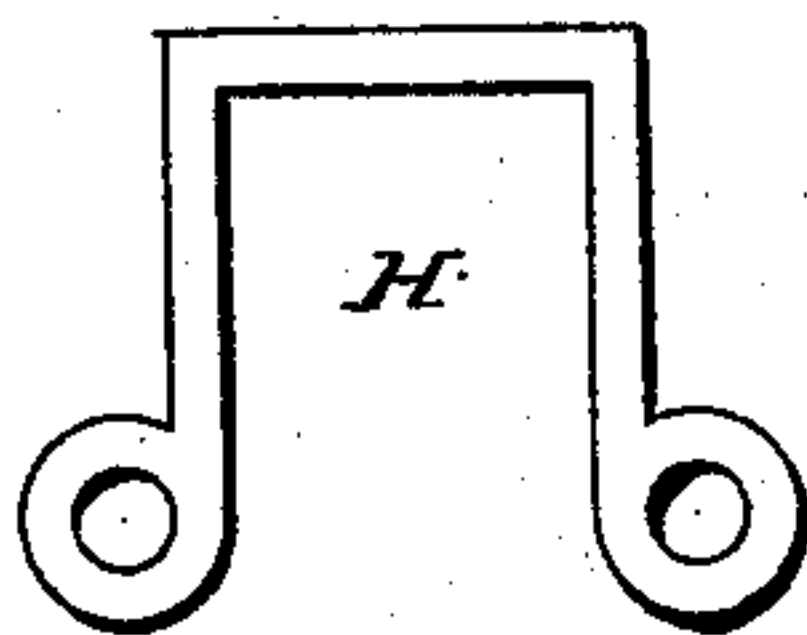
Patented Apr. 30, 1889.



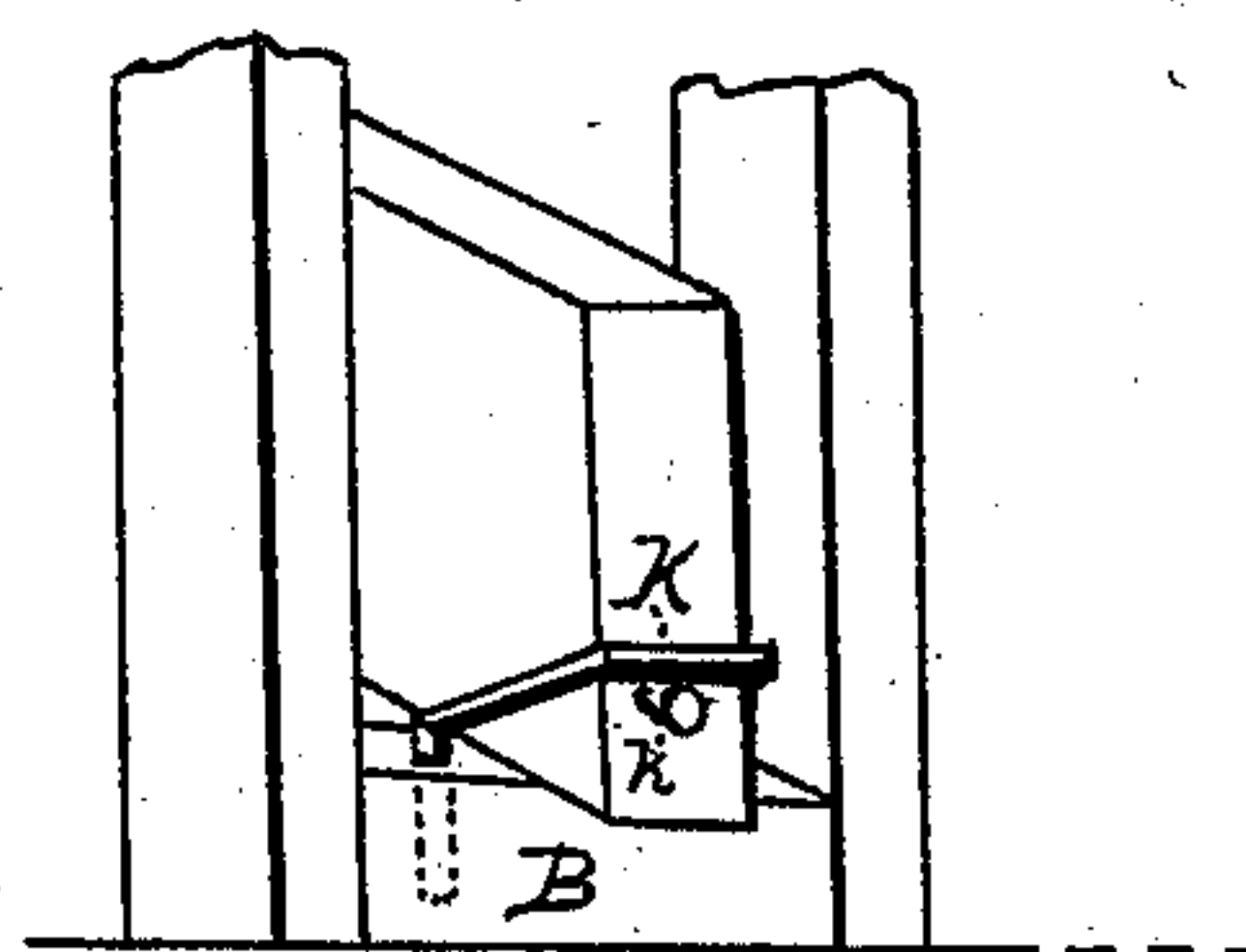
*Fig. 4.*



*Fig. 3.*



*Fig. 5.*



WITNESSES.

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# UNITED STATES PATENT OFFICE.

SAMUEL S. SHERMAN AND JEREMIAH G. SHERMAN, OF WEST MCHENRY,  
ILLINOIS.

## FARM-GATE.

SPECIFICATION forming part of Letters Patent No. 402,489, dated April 30, 1889.

Application filed July 28, 1888. Serial No. 281,331. (No model.)

*To all whom it may concern:*

Be it known that we, SAMUEL S. SHERMAN and JEREMIAH G. SHERMAN, citizens of the United States, and residents of West McHenry, in the county of McHenry and State of Illinois, have invented certain new and useful Improvements in Farm-Gates; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a side elevation of our gate down. Fig. 2 is a side elevation with gate thrown up. Fig. 3 is a detail view of stirrup. Fig. 4 shows the prop-bar and the pin *g* thereon, and Fig. 5 is a detail showing the hinge *K*.

The invention relates to improvements in gates; and it consists in the construction and novel combination of parts, as hereinafter set forth.

The present gate is more particularly an improvement on the gate heretofore patented, under date of February 8, 1876, to J. G. Sherman, No. 173,348, in which a pin is rigidly secured to the rear end of one of the gate-bars and turns in an opening in a short cross-bar.

Referring to the drawings, *A* designates two vertical posts, having their lower ends seated firmly in the ground and connected by the lower cross-bar, *B*, and the upper cross-bar, *C*. The said posts are set parallel to each other; but the one bearing against the rear face of the gate *D* is slightly behind the other post, so that the gate can be swung outward. The gate *D* consists of the parallel bars *a*, secured together by the vertical strips *b*.

*E* is a head-post at the front of the gate, having the keeper *c* thereon.

*F* is a locking-bar fulcrumed near its lower end to the bottom bar of the gate, and having its upper end extended through the elongated

staple *d*, which is secured to the top rail of the gate.

*G* is a flexible rod or chain extending on each side of the gate from a connection with the lower end of the bar *F* to the hook *e*, which engages one of the series of openings *F'* through the cross-bar *C*. By this series of openings the hook may be adjusted so as to raise or lower the front end of the gate, as desired.

*H* is a stirrup having eyes at its ends, through which the flexible rod passes, as shown, and the said stirrup is designed to be pushed forward on the top rail when the gate is open, thus taking up the slack of the flexible rod and holding the front end of the gate free from the ground.

*I* is a prop-bar, designed to secure the gate at any desired opening, and to prop up the end thereof by turning the pin *g*, which stands out from the prop, at right angles from the top of the gate-bar and allowing it to drop, when the gate may be lifted, so as to allow the lower edge of one of the bars to rest upon the pin *g*. The said prop-bar slides in the keeper-straps *h*, secured to the top and bottom rails of the gate, and a metal point, *i*, in its lower ends enters the ground and holds the gate at the desired opening.

It is found very convenient to secure the gate, as described, at a narrow opening when separating sheep, hogs, and cattle, as it is evident that the gate may be so secured as to allow the passage of only one animal at a time.

*K* is the yielding pivot or hook-hinge, having one of its hook ends inserted in an opening through the lower cross-bar, *B*, and having the hook at its opposite end passing around the rear end of the lower bar of the gate and over the supporting-pin *k*, as shown.

The hooks stand at right angles to each other, and make a very convenient hinge or pivot.

Having described our invention, what we claim is—

1. The combination, with the gate, the flexible rod having the hook, the posts, and the cross-bar *B*, of the yielding pivot or hinge

having the hook ends engaging, respectively, the end of the lower bar and the cross-bar B, substantially as specified.

2. The combination, with the gate, the posts, and the cross-bar B, of the yielding pivot having the hooks at right angles to each other, engaging, respectively, in an opening in the cross-bar and with the end of the lower gate-bar, and the supporting-pin, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

SAMUEL S. SHERMAN.  
JEREMIAH G. SHERMAN.

Witnesses:

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