

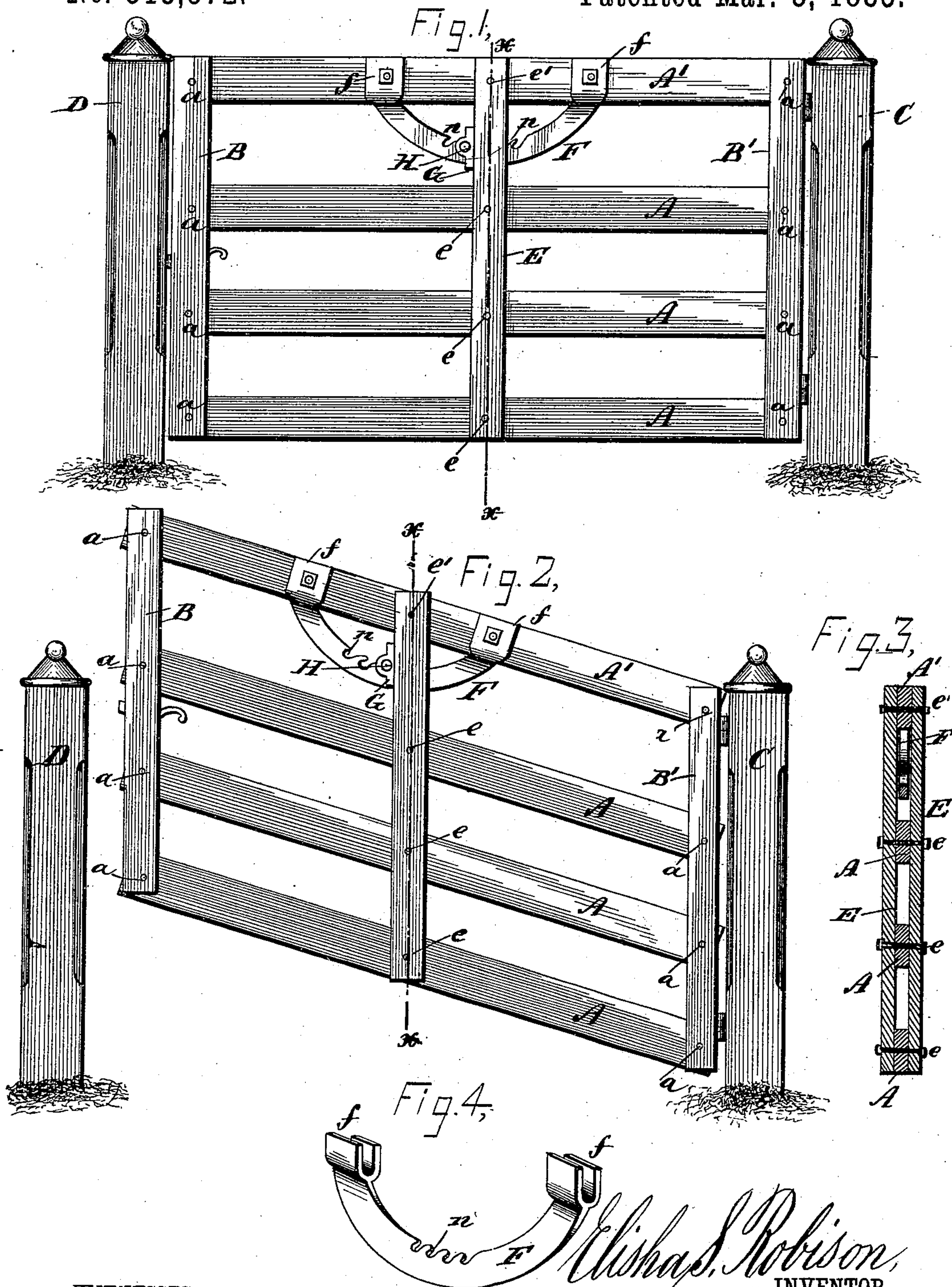
(No Model.)

E. S. ROBISON.

FARM GATE.

No. 313,372.

Patented Mar. 3, 1885.



WITNESSES:

*Adm. L. Dieterich*  
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# UNITED STATES PATENT OFFICE.

ELISHA S. ROBISON, OF FREMONT, INDIANA.

## FARM-GATE.

SPECIFICATION forming part of Letters Patent No. 313,372, dated March 3, 1885.

Application filed August 14, 1882. Renewed September 18, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, ELISHA S. ROBISON, of Fremont, in the county of Steuben and State of Indiana, have invented certain new and useful  
5 Improvements in Farm-Gates; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it ap-  
10 pertain to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side elevation of my improved farm-gate closed. Fig. 2 is a similar view  
15 showing its free end elevated for the passage of stock under it and to free it from snow and obstructions on the ground. Fig. 3 is a vertical cross-section through line *xx* in Figs. 1 and 2, and Fig. 4 is a perspective detail view  
20 of the notched half-circle detached from the gate.

Similar letters of reference indicate corresponding parts in all the figures.

My invention contemplates certain improve-  
25 ments in swinging farm-gates, which will be hereinafter more fully described and claimed.

My improved gate, which may be of any desired size, consists of parallel bars *A A*, the ends of which are pivoted upon bolts *a* be-  
30 tween pairs of vertical end bars, *B B'*. *C* is the hinging-post, and *D* the shutting-post. The slats or bars *A* are united at their middle by struts or bars *E E*, connected by bolts *e e*, upon which bars *A* can turn freely.

*F* is a half-circle, of iron or other suitable metal, the ends of which are forked, as shown at *ff*, and bolted to the under side of the up-  
35 permost slat or gate-bar, *A'*, the middle bolt, *e'*, of which will be in the exact center of the circle, which has a series of notches, *n*, on its  
40 inner side. This half circle *F* passes between the middle bars, *E E*, which have a pair of registering keepers or staples, *G*, for the insertion of a removable bolt, *H*.

45 From the foregoing description, taken in connection with the drawings, the operation of my improved gate will readily be understood. In elevating its frontend, which throws

the parallel bars *A* into an inclined or oblique position, as shown in Fig. 2, the gate is main- 50  
tained in this position by the bolt *H* engaging one of the notches *n* in the half-circle *F*, the angle of its inclination depending upon which one of the notches bolt *H* engages. To  
again lower the gate to its normal position, 55  
bolt *H* is withdrawn, so as to release the half-circle. If desired, two half-circles may be employed—one on the uppermost and the other on the lowermost gate-slat—each having its  
60 appropriate locking-bolt *H*, but of course arranged in keepers on opposite sides of the central bars, *E*.

I do not claim, broadly, a gate adapted to be tilted from a horizontal into an oblique po- 65  
sition, as I am aware that gates have been constructed before with mechanical means or mechanism for such adjustment; but,

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a gate, the combination of the pivoted slats or gate-bars *A' A*, notched half-circle *F*, end bars, *B B'*, middle bars, *E E*, and bolt *H*, substantially as and for the purpose herein shown and set forth. 70

2. In a gate, the combination of the pivoted slats or gate-bars *A' A*, notched half-circle *F*, end bars, *B B'*, middle bars, *E E*, having keep- 75  
ers *G*, and bolt *H* sliding in said keepers and adapted to engage the notched half-circle *F*, substantially as and for the purpose herein shown and specified. 80

3. The half-circle *F*, having forked ends *f* and notches *n*, in combination with the gate-panel composed of the pivoted slats *A' A*, end 85  
bars, *B B'*, middle bars, *E E*, and the removable bolt *H*, substantially as and for the purpose herein shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature 90  
in presence of two witnesses.

ELISHA S. ROBISON.

Witnesses:

JOHN DOSTRO,  
JOHN DUNKEL.