

J. L. GIESSLER.

Gate-Latch.

No. 163,179.

Patented May 11, 1875.

Fig. 1.

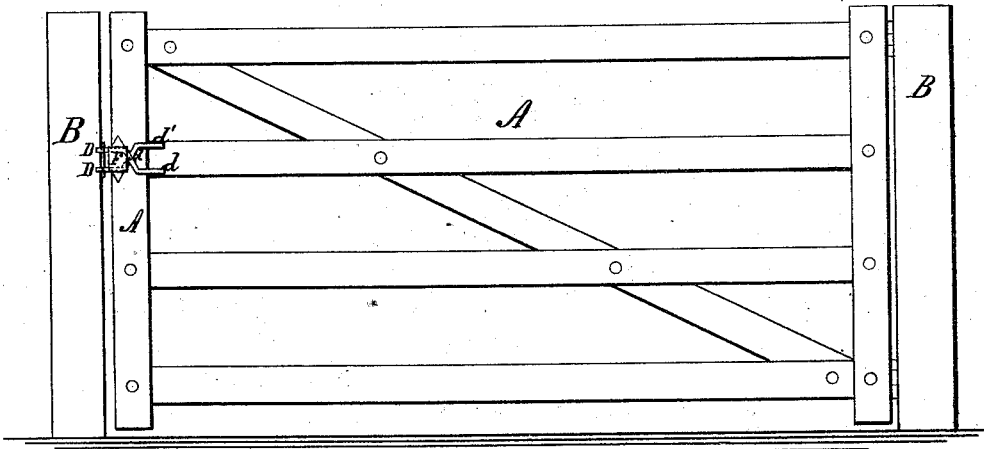


Fig. 2.

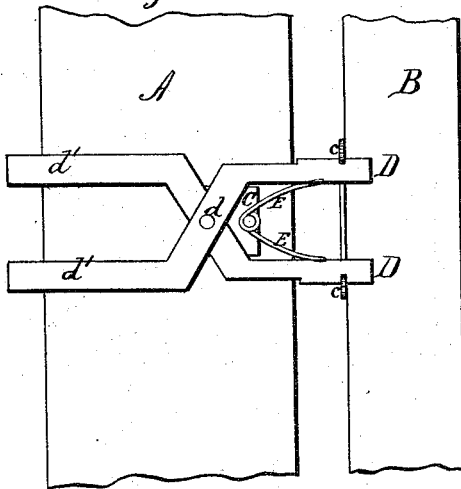


Fig. 3.

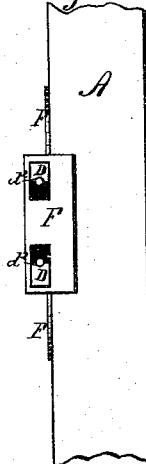
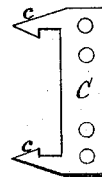


Fig. 4.



WITNESSES:

A. P. Robertson
John Kennon

INVENTOR:

Jno. L. Giessler
BY *Wm. H. ...*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN L. GIESSLER, OF CLINTON, IOWA.

IMPROVEMENT IN GATE-LATCHES.

Specification forming part of Letters Patent No. **163,179**, dated May 11, 1875; application filed April 24, 1875.

To all whom it may concern :

Be it known that I, JOHN L. GIESSLER, of the city and county of Clinton and State of Iowa, have invented a new and Improved Gate-Latch; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a view of latch applied to a gate; Fig. 2, an enlarged view of latch; Fig. 3, edge view of latch; Fig. 4, detached view of catch-plate.

The invention relates to farm and other gates, wherein the latch employed is often raised and the gate opened by a dumb animal, as well as by one of human kind. My object is to form such a latch as will require a degree of reasoning power beyond that of cow, dog, or horse; and consists in the double latch hereinafter fully described, and subsequently claimed.

A represents a gate, and B the frame in which it is preferably hinged, although it may

be simply swung between two posts. C is a plate provided with two reversed and opposite catches, *c c*, in which fasten the latches D D. The latter are crooked, crossed, and pivoted at *d*, as well as provided with parallel handles *d' d'*. The latches D D are held apart and in the catches *c c* by a spring, E, arranged in the case F. The spring rests with each end in a groove, *d²*, of the latches D D. They fasten with almost absolute certainty when the gate closes. No animal can possibly unlatch the gate, and yet, by compressing the handles together, it is readily unlatched and opened by the hand of a human being.

Having thus described my invention, what I claim as new is—

The combination, with a gate and posts, of two crossed and pivoted latches, D D, having handles *d' d'*, the spring E, and the opposite catches *c c*, as and for the purpose specified.

JOHN L. GIESSLER.

Witnesses:

CHARLES E. FREEMAN,
WM. SILLER.