

(No Model.)

J. J. KELLEHER & H. IRWIN.
GATE HINGE.

No. 566,323.

Patented Aug. 25, 1896.

Fig. 1.

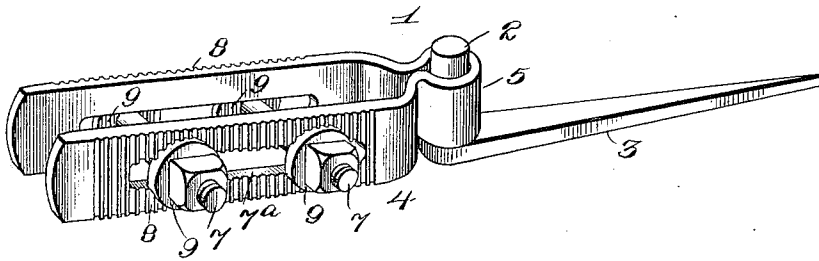
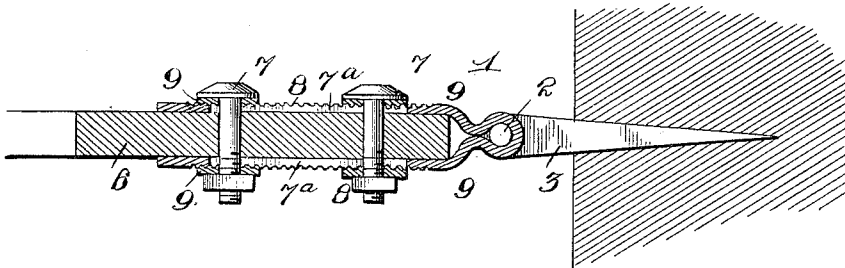


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

JEREMIAH J. KELLEHER AND HIRAM IRWIN, OF FRANKFORT, INDIANA.

GATE-HINGE.

SPECIFICATION forming part of Letters Patent No. 566,323, dated August 25, 1896.

Application filed January 25, 1896. Serial No. 576,880. (No model.)

To all whom it may concern:

Be it known that we, JEREMIAH J. KELLEHER and HIRAM IRWIN, citizens of the United States, residing at Frankfort, in the county of Clinton and State of Indiana, have invented a new and useful Hinge, of which the following is a specification.

The invention relates to improvements in hinges.

The object of the present invention is to improve the construction of gate-hinges, and to provide one which will be simple, inexpensive, strong, and durable, and which will enable a gate to be readily adjusted to counteract sagging.

The invention consists in the novel construction and combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a hinge constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view of the same, illustrating the manner of mounting it on a gate.

Like numerals of reference designate corresponding parts in both figures of the drawings.

1 designates a hinge comprising a fixed pintle 2, provided with a shank 3, and a leaf or section 4, consisting of a frame provided at one end with an eye 5, receiving the pintle 2. The shank of the pintle may be driven into a post, or it may be secured to the latter in any othersuitable manner. The frame, which is provided with parallel sides, is secured to a gate 6 by transverse fastening devices 7, consisting, preferably, of bolts passing through perforations of the gate and arranged in longitudinal slots 7^a of the sides of the frame. The heads of the bolts are arranged at one side of the frame, their nuts are located at the opposite side, and the frame is provided at the outer faces of its sides with vertical

corrugations 8, with which are interlocked corrugated washers 9, located at the ends of the fastening device. The inner faces of the washers are corrugated similar to the outer faces of the sides. They prevent any accidental longitudinal movement of the frame on the gate, and by loosening the nuts of the fastening devices the frame may be adjusted longitudinally to counteract sagging, or to adjust the gate properly.

It will be seen that the hinge is simple and comparatively inexpensive in construction, that it is strong and durable, and that it is capable of being readily applied to gates and the like. It will also be apparent that it will enable a gate to be readily adjusted to raise or lower the free end thereof to counteract sagging, or to set it properly.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What we claim is—

A hinge, comprising a fixed pintle provided with means for securing it to a gate-post or the like, and a leaf having an eye to receive the pintle and provided with longitudinally-slotted sides, adapted to embrace a gate and provided at their outer faces with corrugations, fastening devices passing through the slots of the sides, and washers arranged on the fastening devices and having inner corrugated faces interlocked with the corrugations of the said sides, substantially as and for the purpose described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

JEREMIAH J. KELLEHER.
HIRAM IRWIN.

Witnesses:

JOSEPH H. RICKETTS,
SAMUEL O. KNAPP.