

(No Model.)

2 Sheets—Sheet 1.

F. A. PETERS.
FENCE.

No. 550,528.

Patented Nov. 26, 1895.

Fig. 1.

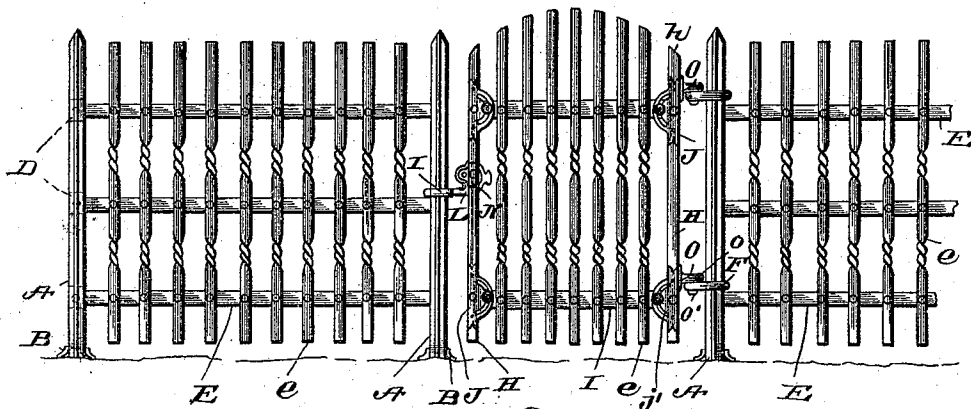
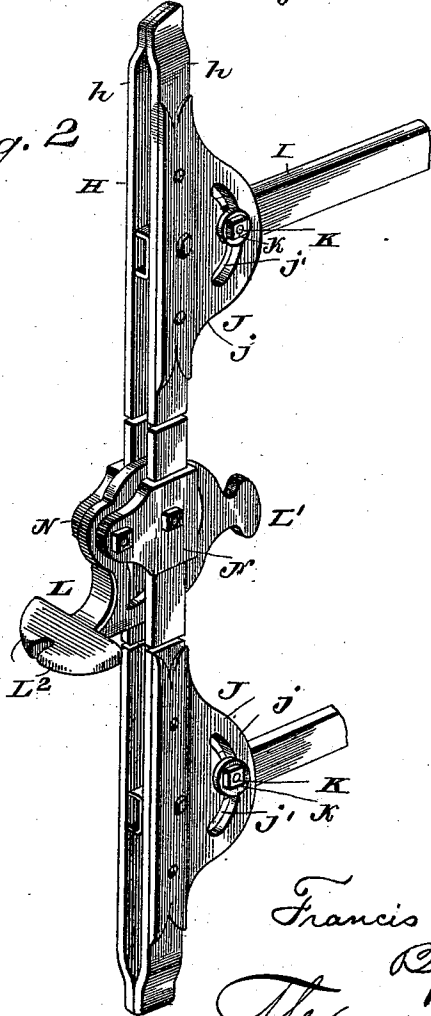


Fig. 2.



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Fig. 3.

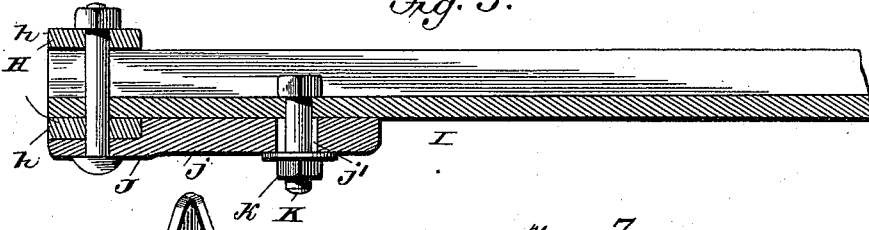


Fig. 7.

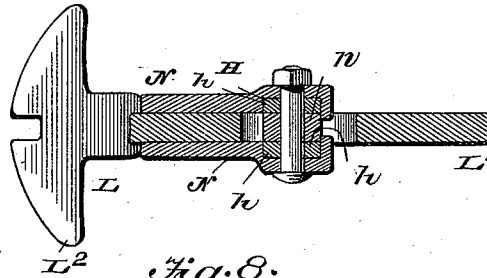


Fig. 4.

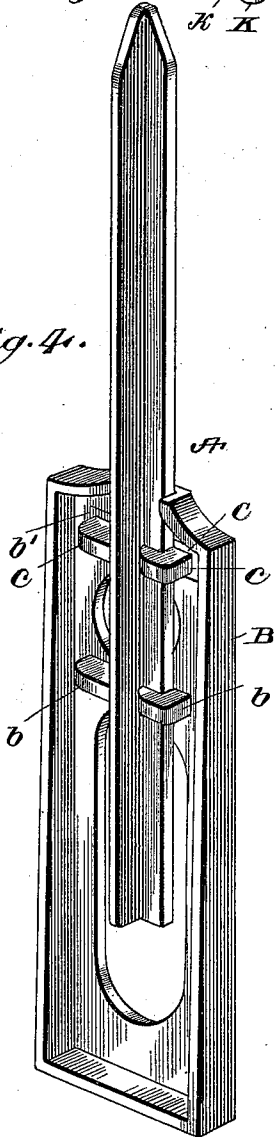


Fig. 8.

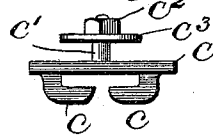


Fig. 5.

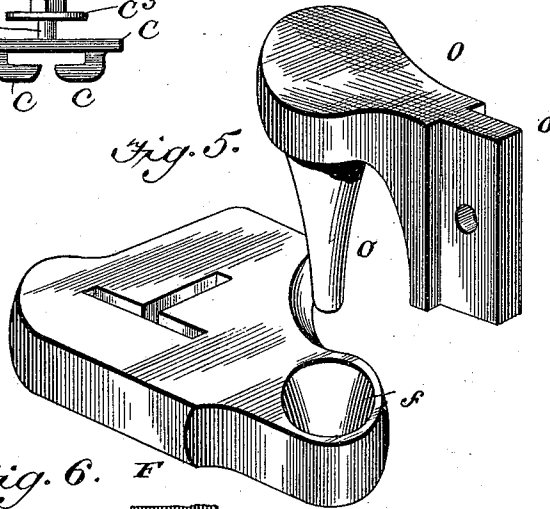
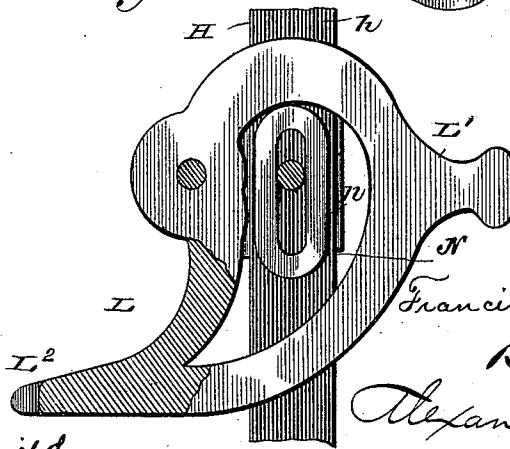


Fig. 6.



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UNITED STATES PATENT OFFICE.

FRANCIS A. PETERS, OF DEIBERTSVILLE, PENNSYLVANIA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 550,528, dated November 26, 1895.

Application filed April 9, 1895. Serial No. 545,084. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS A. PETERS, of Deibertsville, in the county of Lehigh and State of Pennsylvania, have invented certain
5 new and useful Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, refer-
10 ence being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specifica-
tion.

This invention is an improvement in fences, and has especial reference to the construction of the gate and the gate-fastenings. Its
15 object is to provide a gate and fence which are constructed in sections and can be adjusted to any inclination required by the slope of the land whereon the fence is placed.

The invention consists in the novel constructions and combinations of parts hereinafter claimed, illustrated in the drawings, and described as follows:

Referring to the drawings, Figure 1 is a front elevation of a section of fence with gate
25 embodying my invention. Fig. 2 is an enlarged detail view of the gate, showing the adjusting corner-braces and the latch. Fig. 3 is an enlarged cross-section through a corner-brace. Fig. 4 is a view of a post and its
30 holder detached. Fig. 5 is a detail view of the hinges. Fig. 6 is a detail view of the latch. Fig. 7 is a detail of the latch. Fig. 8 is a detail view of the post-keeper.

The posts A of the fence are preferably
35 made of T-iron, as shown, and are adjustably secured to anchors B at their lower ends, said anchors having a pair of rigid lugs *b b* to embrace the lower end of post and a pair of ad-
40 justable lugs *c c* on a clip-plate C, fitted in a slot *b'* in the anchor and provided with a bolt C', nut C², and washer C³, interposed between said nut and the anchor. The lower
45 end of post A is slipped between both pairs of lugs *b* and *c*, and then nut C² is tightened, causing lugs *c* to bind the post firmly to the anchor. By loosening nut C² the post can be adjusted vertically in relation to the anchor.

To the posts are bolted the ends of the horizontal rails E, (made preferably of channel-iron,) to which are riveted the pickets *e*,
50 which may be ornamented as desired. The rivets allow the section of fence to be in-

clined or sagged, so that the rails are inclined to suit the ground, while the pickets are kept vertical and parallel.

To the posts to which the gate is to be
55 hinged are secured castings F, having eyes *f* to receive the hinge-studs on the gate.

The gate consists of end uprights H, preferably composed of two flat metal straps *h*,
60 placed parallel about a half-inch apart and fastened rigidly together at top and bottom. Between the straps *h*, at suitable distances apart, are riveted the channel-rails I, so that the gate can be sagged to suit the inclina-
65 tion of the ground, while the pickets *e*, fastened to rails I, remain vertical and parallel with the uprights H. To the uprights ad-
joining the ends of each rail are secured
70 brace-castings J, having inwardly-projecting portions *j*, in which are arc-slots *j'*, through which pass bolts K, attached to the adjoining rails, and after the gate is adjusted to the proper inclination the nuts *k* on bolts K are
75 screwed up, thereby binding the rails to the castings and making the gate rigid. The slots *j'* allow the gates to be adjusted to any desired angle when the bolts are loosened.

The latch-piece L is pivoted between two clip-pieces N N, bolted to one upright H, a
80 block *n* being inserted between the bars *h h* to prevent the clip-bolts drawing them together and binding the latch-piece, which is roughly oval shaped and surrounds block *n* and has a hand-piece L' on its inner side and
85 a double beveled horizontal latch-head L² on its lower front end, the shape of the latch being such that it will by gravity assume the locking position, as indicated in the draw-
90 ings.

The latch engages a suitably-shaped keeper I, fastened to the proper post A.

To the other upright H are bolted the hinge-
95 castings O, fitted between bars *h h* of the upright and bolted thereto, and having laterally-projecting lugs *o*, from which depend tapered studs *o'*, which engage the eyes *f* of castings F.

From the foregoing the construction and
100 manner of erecting the fence is apparent. It is durable, simple, and cheap, can be manufactured and sold in ready-made sections, and can be readily adjusted to the inclination of the ground on which it is placed.

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

1. In a gate, the combination of the up-
5 rights, the rails, the slotted castings secured to the rails adjoining the ends of the up-
rights, and the adjustable bolts playing through the slots in the castings and trans-
fixing the adjoining rails, all substantially as
10 described.

2. In a gate, the combination of the up-
rights composed of parallel bars, the rails
pivotally secured to the uprights, the slotted
brace castings fastened to the uprights at
15 the ends of the rails, the bolts passing through the rails and the slots in the castings, and the pickets secured to the rails, substantially as described.

3. The combination of the anchor B, the
20 adjustable clip-plate C secured therein, and the rail A bound to the anchor by said clip-plate, substantially as described.

4. The combination of the anchor-plate having a pair of fixed lugs, the clip plate in a slot of the anchor having a pair of lugs, the
25 post embraced by the clips, and the bolt and nut whereby the clip plate is caused to lock the post to the anchor, substantially as described.

5. The combination of the upright formed
30 of parallel bars *h, h*, and the clip pieces N, N, attached thereto; with the gravital latch L pivoted between the clip pieces, having a hand piece L' and double beveled latch head L² on its lower front end; and a latch keeper,
35 all substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

FRANCIS A. PETERS.

Witnesses:

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