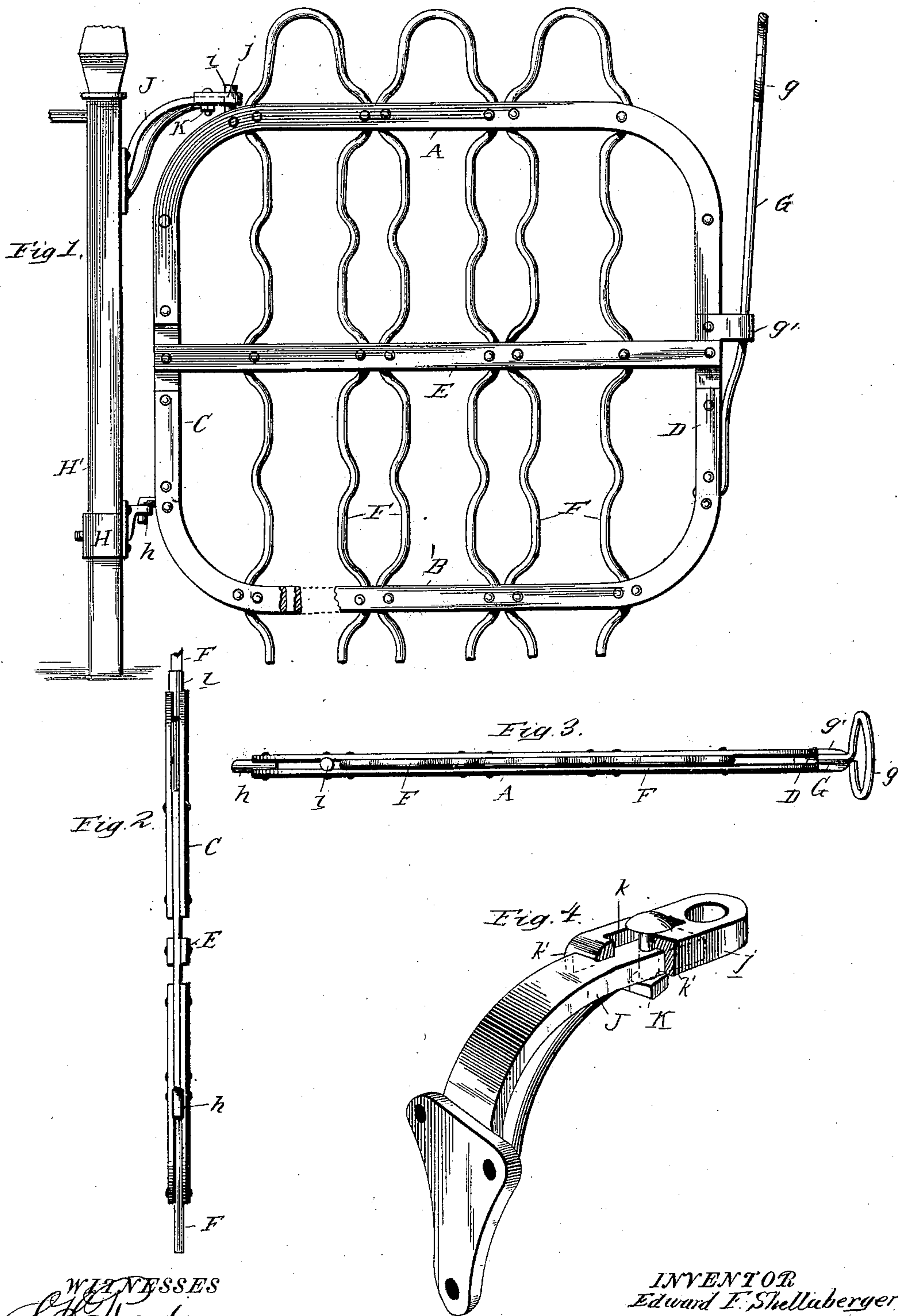


(No Model.)

E. F. SHELLABERGER.
GATE.

No. 404,936.

Patented June 11, 1889.



WITNESSES
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EDWARD F. SHELLABERGER, OF BEAVER FALLS, PENNSYLVANIA.

GATE.

SPECIFICATION forming part of Letters Patent No. 404,936, dated June 11, 1889.

Application filed February 28, 1889. Serial No. 301,452. (No model.)

To all whom it may concern:

Be it known that I, EDWARD F. SHELLABERGER, a citizen of the United States, residing at Beaver Falls, in the county of Beaver and State of Pennsylvania, have invented certain new and useful Improvements in Gates; and I 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 the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to iron gates which are adapted to swing open from either side, and which close automatically, the hinges being out of the perpendicular.

The object of the invention is to provide a gate that can be readily constructed, and which will be simple, cheap, and durable, and in which the top and bottom rails and the end battens can be wrought-iron bars.

The improvement consists of the novel features which will be hereinafter more fully described and claimed, and which are shown in the accompanying drawings, in which—

Figure 1 is a side view, parts being broken away, of a gate embodying my invention; Fig. 2, an end view; Fig. 3, a top plan view of the gate; Fig. 4, a perspective detail view, parts being broken away, of the upper bracket.

The gate comprises the top and bottom rails A and B, respectively, the end battens C and D, the longitudinal rail E, and the vertical pickets F. The end battens are each composed of a single bar, and the longitudinal and the upper and the lower rails are each composed of two corresponding bars, which embrace the end battens between their ends, which latter are secured to the end battens in any preferred manner, as by rivets. The ends of the top and bottom rails curve uni-

formly and in opposite directions, as shown. The vertical pickets F may be of any desired conformation, and are held between the bars of the longitudinal, the top, and the bottom rails.

The spring latch-bar G is secured at its lower end between the curved ends of the bars of the lower rail, and its upper end is formed into the handle *g*. The guide-loop *g'*, secured to the end batten D, embraces the latch-bar and strengthens it laterally.

The lower hinge-pintle *h* extends downwardly and fits in a socket in the clip H on the fence-post H'. The upper hinge-pintle *i* projects vertically, and is located within the rear vertical edge of the end batten C. The plate *j*, apertured to receive the pintle *i*, is adjustable on the bracket J, which is secured to the post H', being held thereto by the bolt K, which passes through the slot *k* in the said plate. The flanges *k'*, depending from the edges of the plate, embrace the sides of the bracket J and prevent any turning of the said plate on the bolt K. In case of any settling the plate *j* is adjusted on the bracket to compensate for the same.

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

The herein shown and described gate, composed of the end battens, the upper and the lower rails, each composed of two corresponding bars having their ends uniformly curved in opposite directions and embracing the ends of the end battens, and the vertical pickets secured between the bars of the said rails, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD F. SHELLABERGER.

Witnesses:

S. A. MILLIGAN,
JUDSON BRENNER.