

W. W. Sutliff

Gate Spring.

N<sup>o</sup> 71,083.

Patented Nov. 19, 1867.

Fig. 1

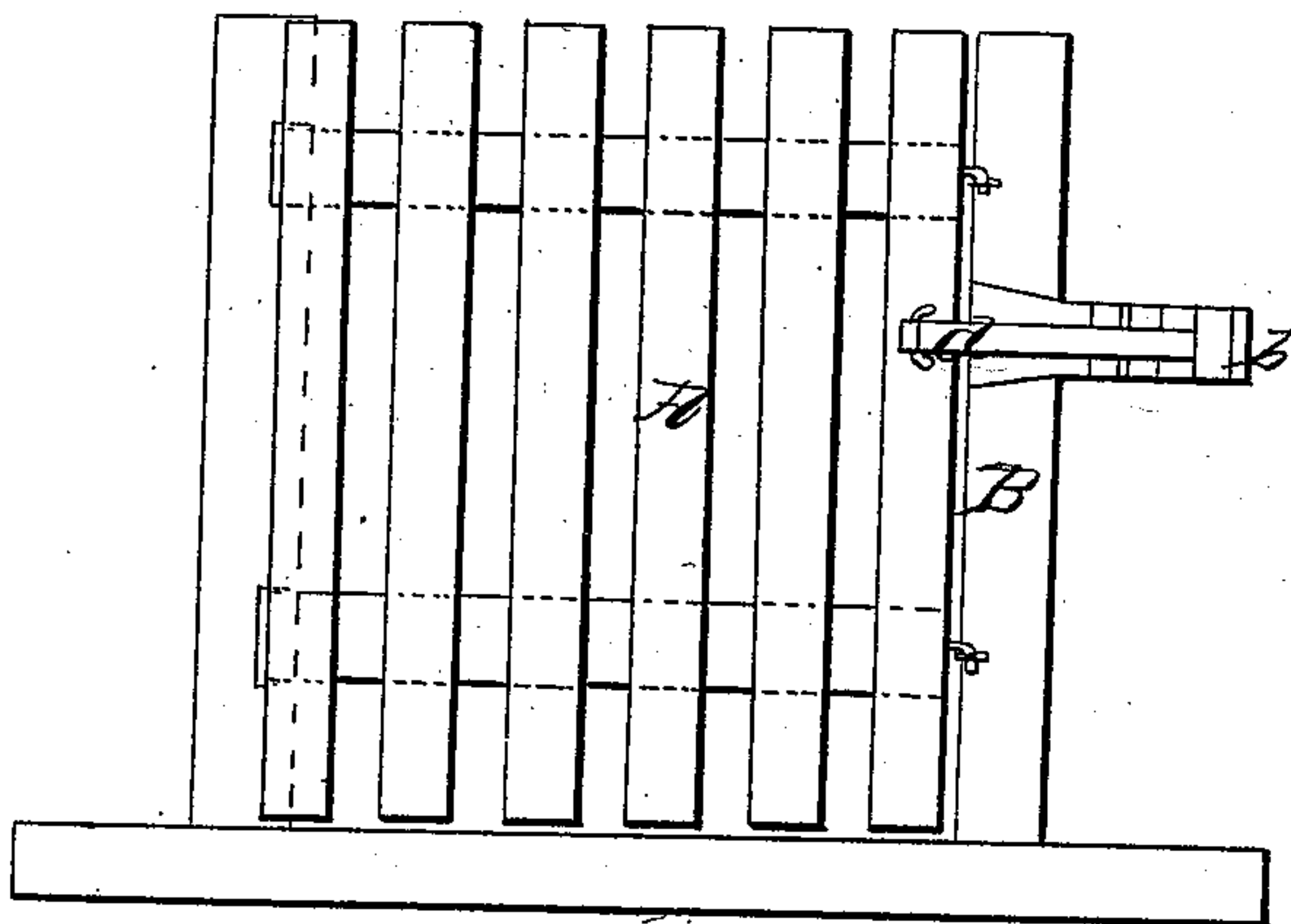
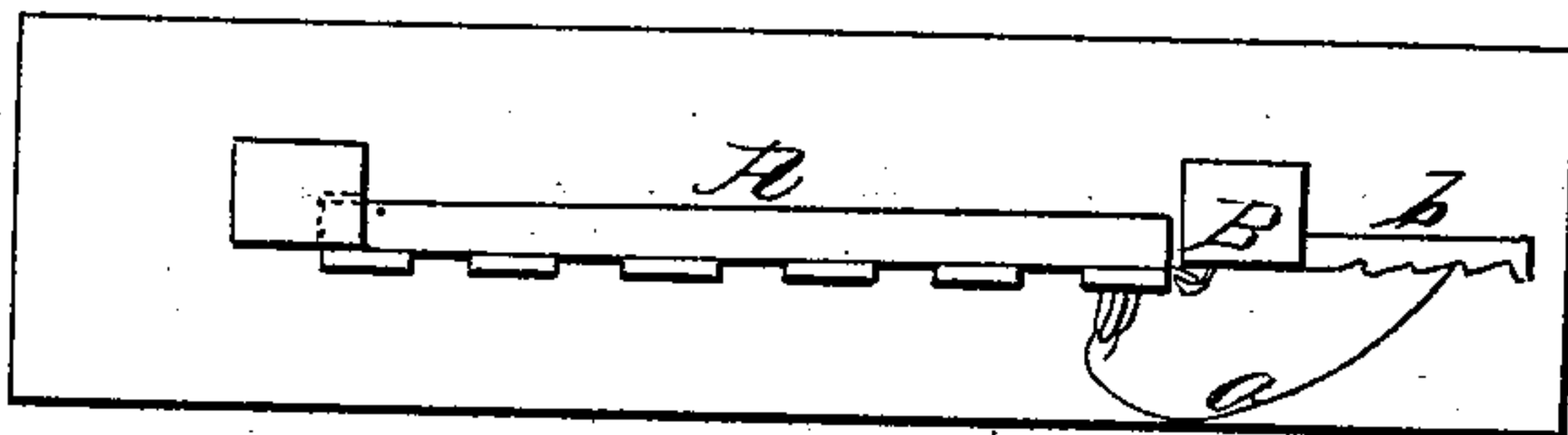


Fig. 2



Witnesses:  
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*Letters Patent No. 71,083. dated November 19, 1867.*

IMPROVED GATE-SPRING.

*The Schedule referred to in these Letters Patent and making part of the same.*

TO ALL WHOM IT MAY CONCERN:

Be it known that I, W. W. SUTLIFF, of Town Line, in the county of Luzerne, and State of Pennsylvania, have invented a new and useful Improvement in Gate-Spring; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a gate having my improved spring for closing attached.

Figure 2 is a top view of the same.

Similar letters of reference indicate like parts.

This invention relates to an improvement in a spring for a gate or door, and consists in a flat curved metal spring, hinged at one end to the back of a gate, while the other end is free to catch in one of a series of notches in a block fastened to the post or frame of a gate or door, which spring, by its pressure, keeps the gate closed when it is not forcibly pushed open to be entered or passed through.

A represents a gate hung on the post B, by hinges, in the ordinary way, and on the back of the gate a flat curved spring, *a*, is hinged at one end, with the concave side outward, and the other end caught in a notch in a block, *b*, that is fastened to the post B, in such manner that the spring is held while it is drawn up or contracted by the opening outward of the gate, to enable the spring to expand and close the gate again as soon as it is released by the person opening it. This operation of the spring is obvious, and the arrangement is simple, cheap, and effective for keeping gates and doors closed. The block *b* is provided with a number of notches to set the end of the spring in, one or the other, according to the size of the gate, and the resisting power required in the spring to make it act promptly.

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

The flat curved spring *a*, hinged to the gate A, and secured at one end in the notched block *b*, arranged and operating as and for the purpose specified.

W. W. SUTLIFF.

Witnesses:

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