

No. 606,896.

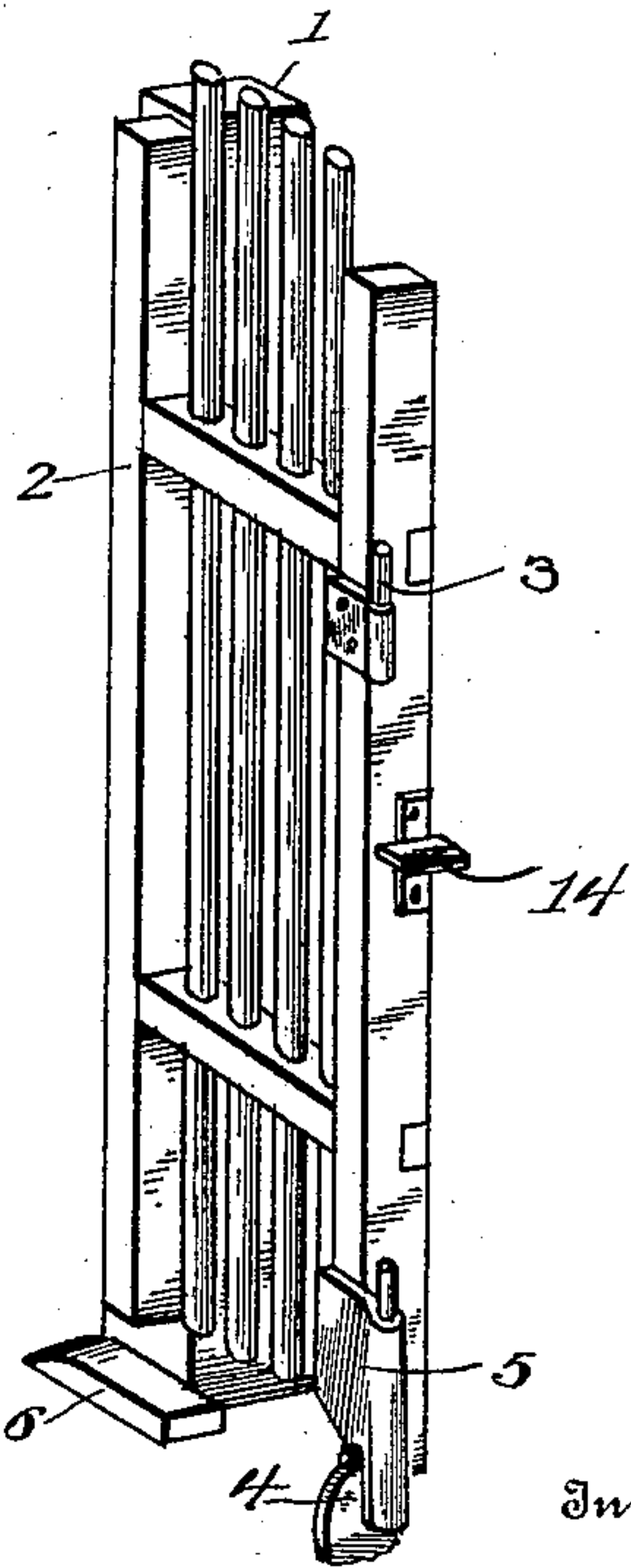
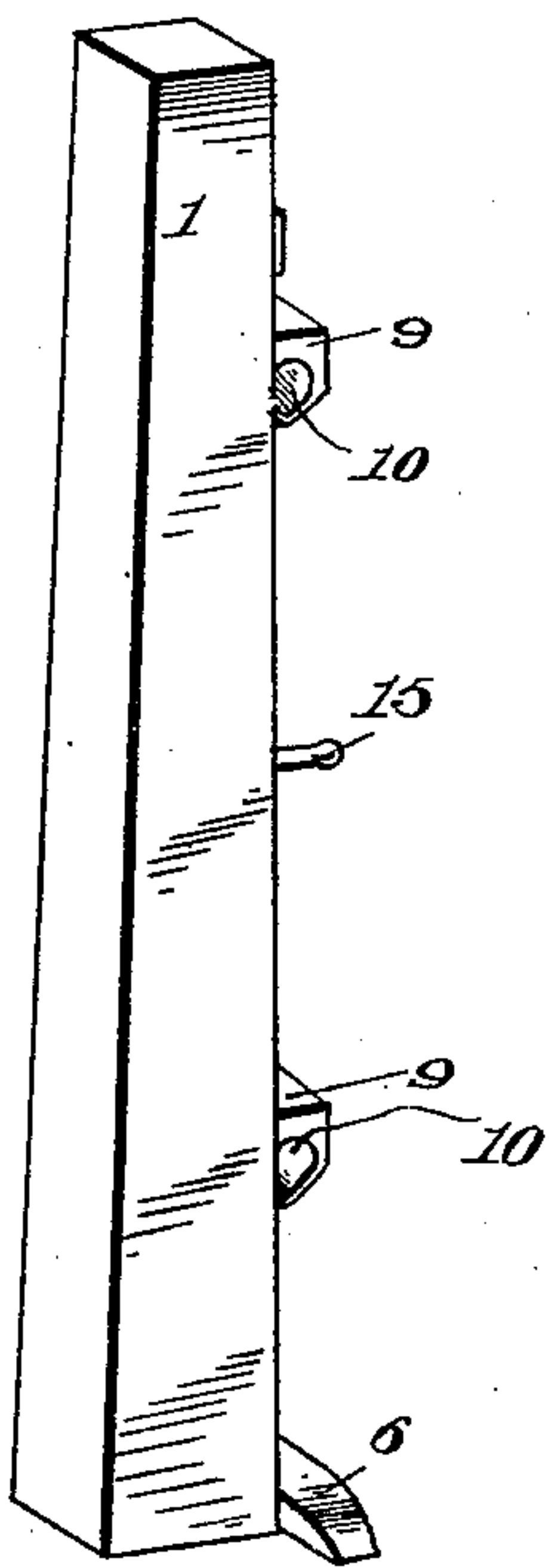
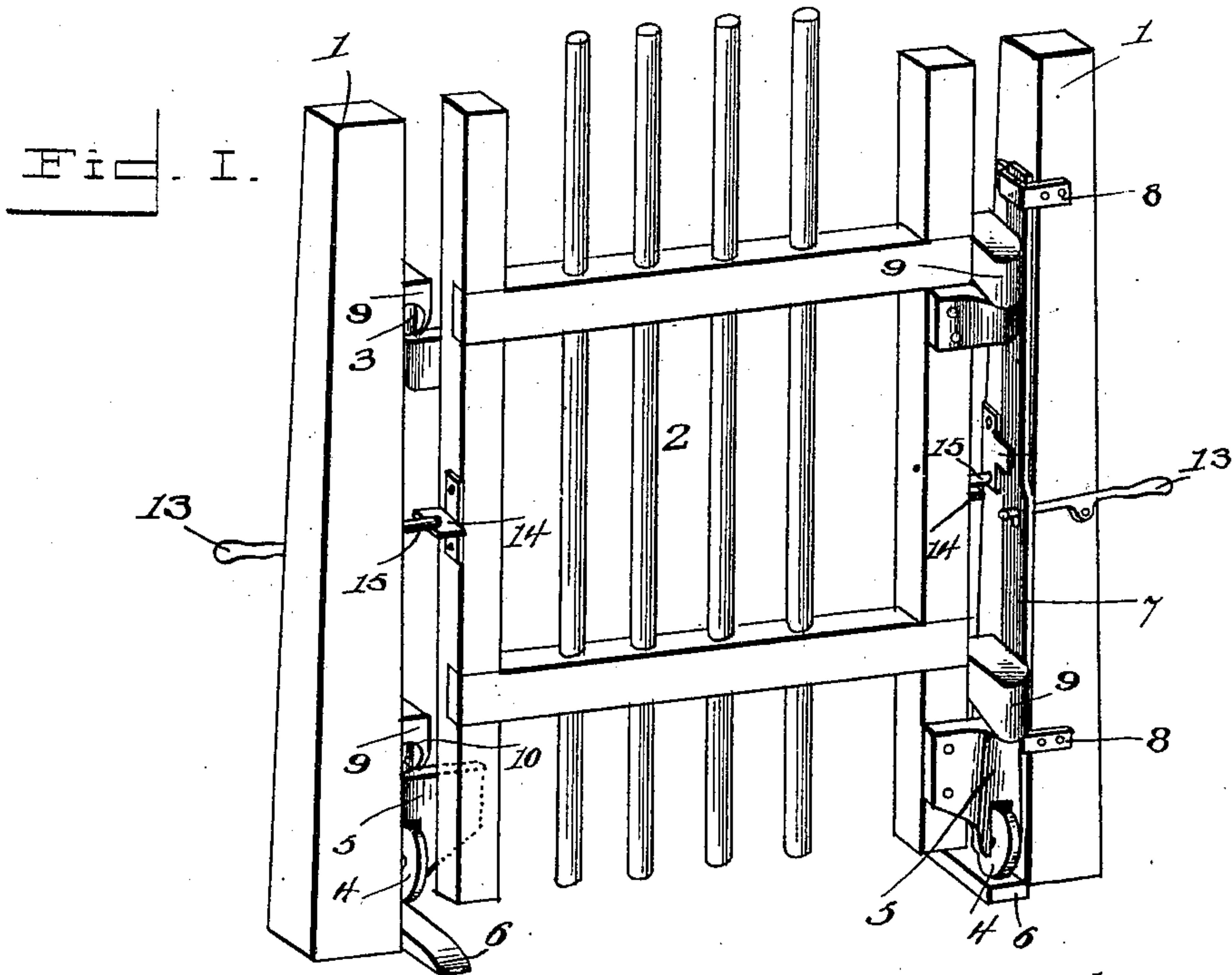
Patented July 5, 1898.

O. H. PEED.  
GATE HINGE.

(Application filed Feb. 28, 1898.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:

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2 Sheets—Sheet 2.

Fig. 3.

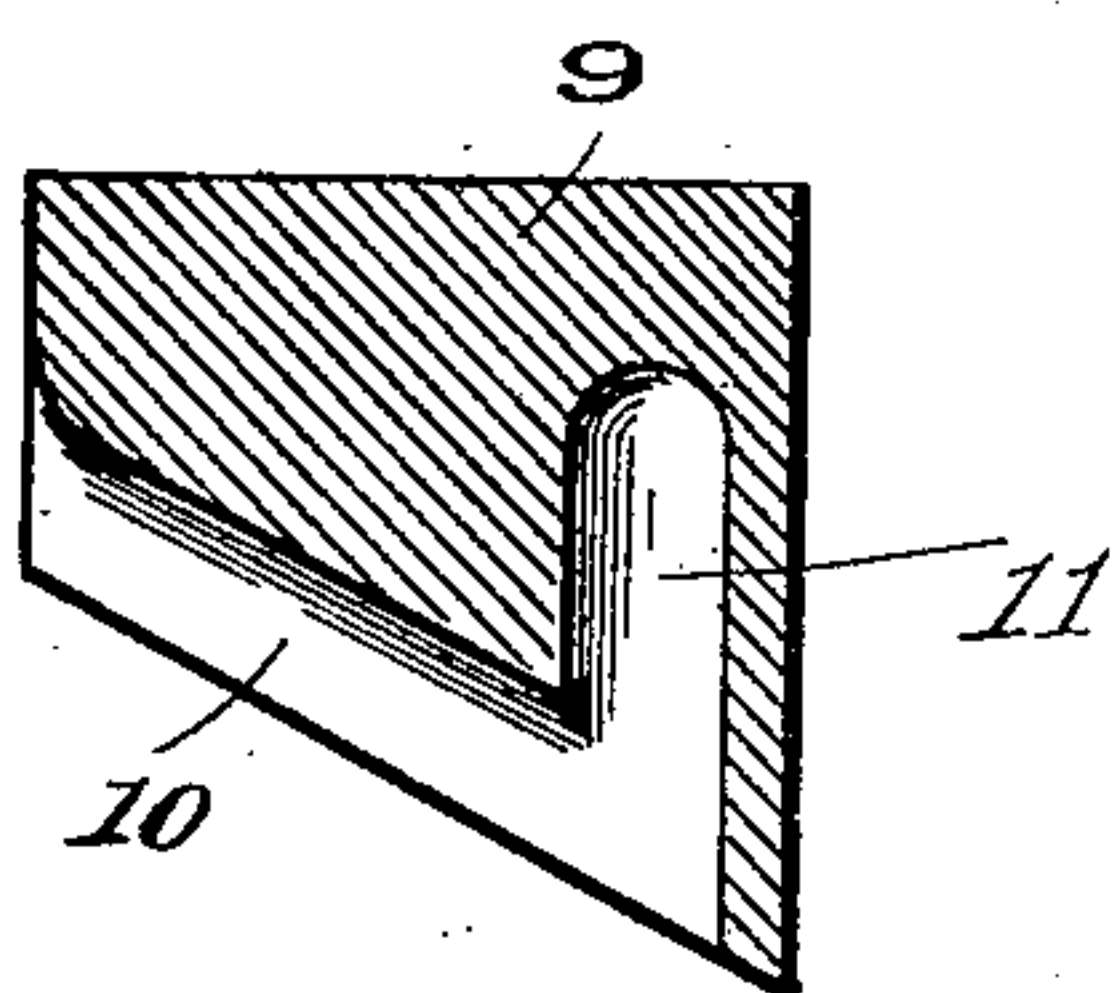


Fig. 4.

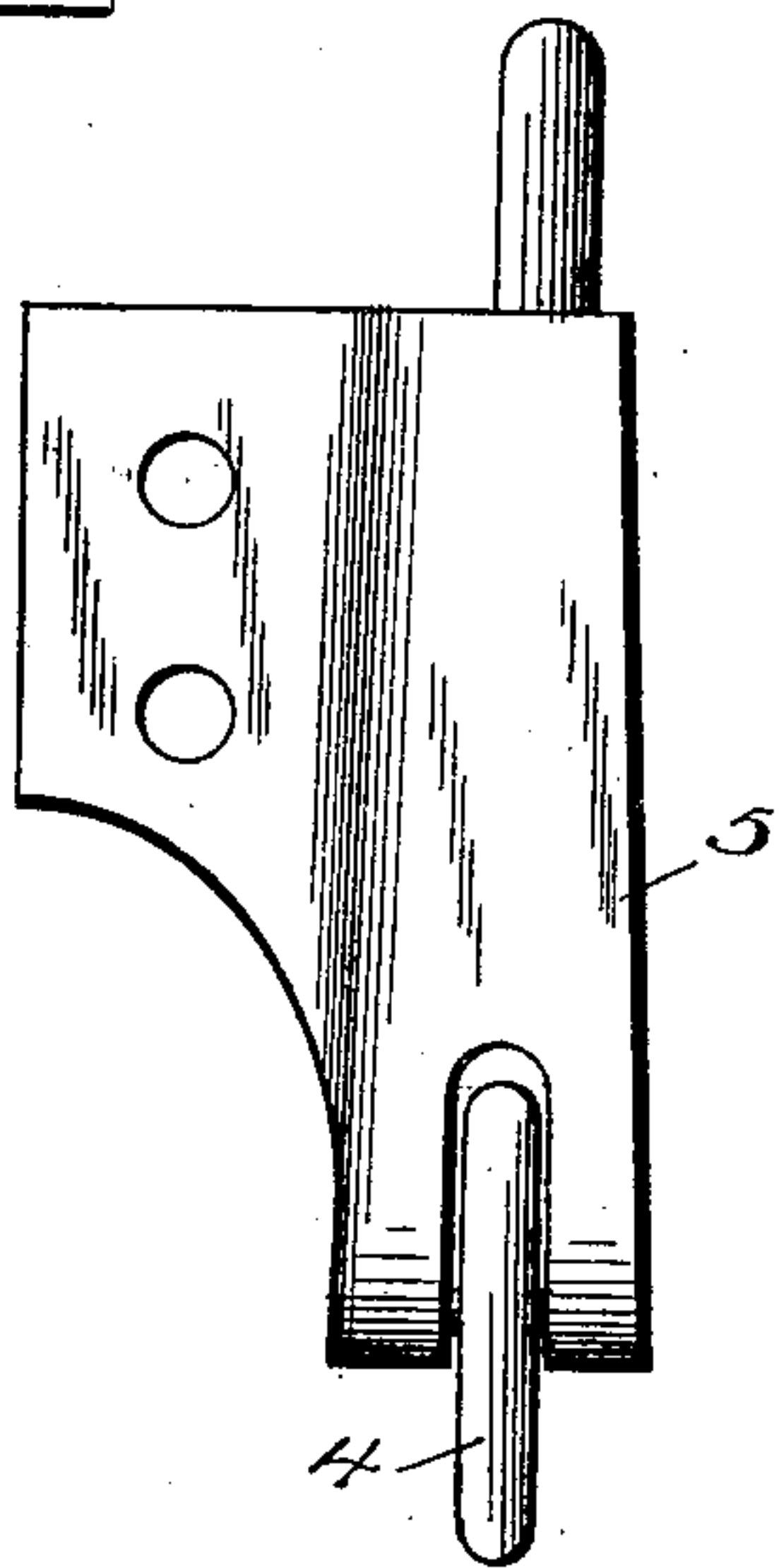
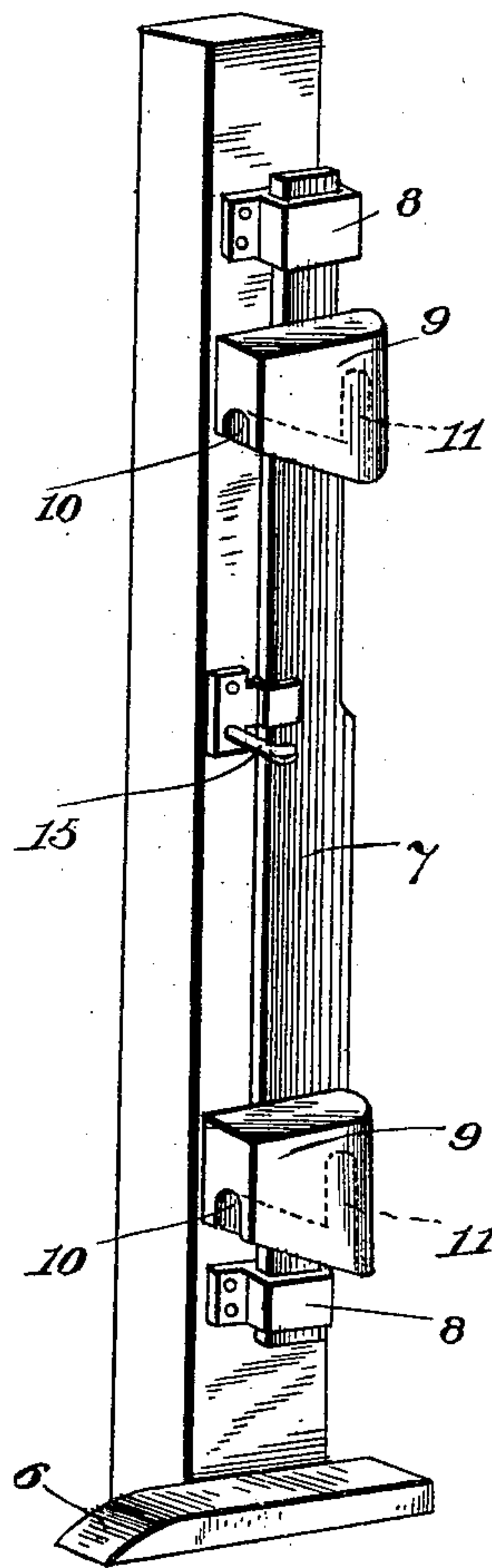


Fig. 5.



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# UNITED STATES PATENT OFFICE.

OLIVER HAZZARD PEED, OF NICKERSON, KANSAS.

## GATE-HINGE.

SPECIFICATION forming part of Letters Patent No. 606,896, dated July 5, 1898.

Application filed February 28, 1898. Serial No. 671,985. (No model.)

*To all whom it may concern:*

Be it known that I, OLIVER HAZZARD PEED, a citizen of the United States, residing at Nickerson, in the county of Reno and State of Kansas, 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.

My invention has relation to gates; and the object is to provide a gate which may be opened at either side and in either direction.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved gate, showing it closed. Fig. 2 is a similar view showing the gate opened. Fig. 3 is a longitudinal vertical sectional view through one of the catches. Fig. 4 is a view of one of the roller-supporting brackets; and Fig. 5 is a detail perspective view, on an enlarged scale, of one of the gate-posts, showing the sliding bar with its catches.

In said drawings, 1 denotes the gate-posts, and 2 the gate. The gate is provided on each side at its upper ends with latches in the form of upwardly-projecting studs 3 and at its lower ends with rollers 4, mounted in brackets 5. These rollers are adapted to engage reversely-inclined blocks 6, which may be let into the ground or attached to the posts, as shown.

7 denotes a vertically-reciprocating bar mounted to slide in brackets 8, secured to the post. This bar is provided with catches 9 in the form of blocks, the lower edge of the catches at one side of the gate being beveled in a reverse direction to the bevel on the under edge of the catches at the other side of the gate. Each catch is grooved, as shown at 10, and these grooves are intersected by vertical sockets 11. The sockets 11 of the upper set of catches are adapted to receive the vertical stud-latches, while the sockets 12 of the lower set of catches are adapted to receive vertical pins projecting from the wheel-supporting brackets.

13 denotes an operating-lever, one being pivoted to each one of the gate-posts and en-

gaged with a vertically-movable bar for operating the same.

14 denotes a guard secured to each edge of the gate and adapted when the gate is closed to rest under pins 15, projecting laterally from the sides of the gate-post.

In operation when it is desired to open the gate the free end of the operating-lever is depressed. This raises the bar and releases the catches from the pin on the roller-supporting bracket and the stud-catch, allowing the gate to be swung outward. In closing the gate it is swung inward, and the roller at its lower end will engage the inclined block and ride up the same, the pin in the roller-supporting bracket and the stud-latch engaging the inclined lower edges of the catch, riding along the same until they become opposite the vertical socket, when the catches will drop and secure the gate in position. It will be noticed that when the gate is thus secured the guards at each edge of the gate are under the laterally-projecting pin, thus preventing the gate being lifted from the hinges by small animals attempting to crawl under the gate. When it is desired to open the gate from the opposite edge, the devices on that side, which are duplicates of those on the other side, are operated in the manner above set forth, and the gate may be swung open from that edge and in the opposite direction.

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

1. The combination with the gate-posts having sliding bars provided with catches, the under faces of those on one post being inclined in an opposite direction to those on the other post and provided with vertical sockets, of a gate having at its side edges vertical pins and vertical stud-latches adapted to the vertical sockets of said catches, and means for reciprocating vertically either of said bars, substantially as set forth.

2. The combination with the gate-posts provided with sliding bars, of catches in the form of blocks secured to said bars, the catches of one post having their under edges beveled in a direction reverse to the bevel of those of the other post, and each catch provided with a groove in its beveled edge, said groove being intersected by a vertical socket, brackets

secured to the lower ends of the gate and provided with rollers, vertical pins projecting from said brackets, said latches secured above said vertical pins, said pins and stud-latches  
5 adapted to the vertical sockets aforesaid, levers for operating the sliding bars, and blocks inclined in opposite directions secured below the rollers, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

OLIVER HAZZARD PEED.

Witnesses:

H. H. BRIGHTMAN,  
J. A. WILSON.