

No. 607,495.

Patented July 19, 1898.

J. R. WASHBURN.  
SLIDING DOOR FASTENER.

(Application filed Sept. 21, 1897.)

(No Model.)

FIG. 1.

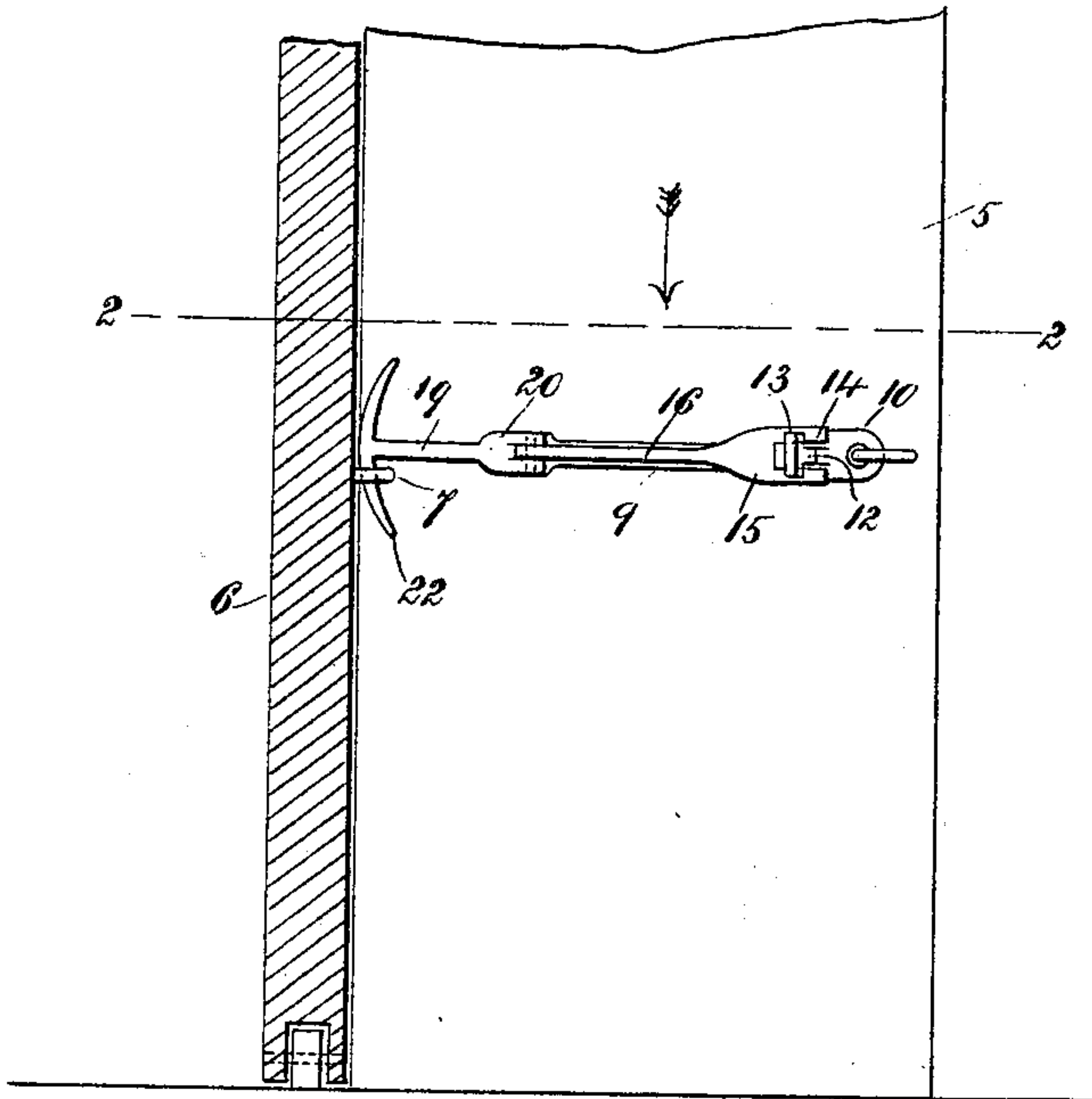
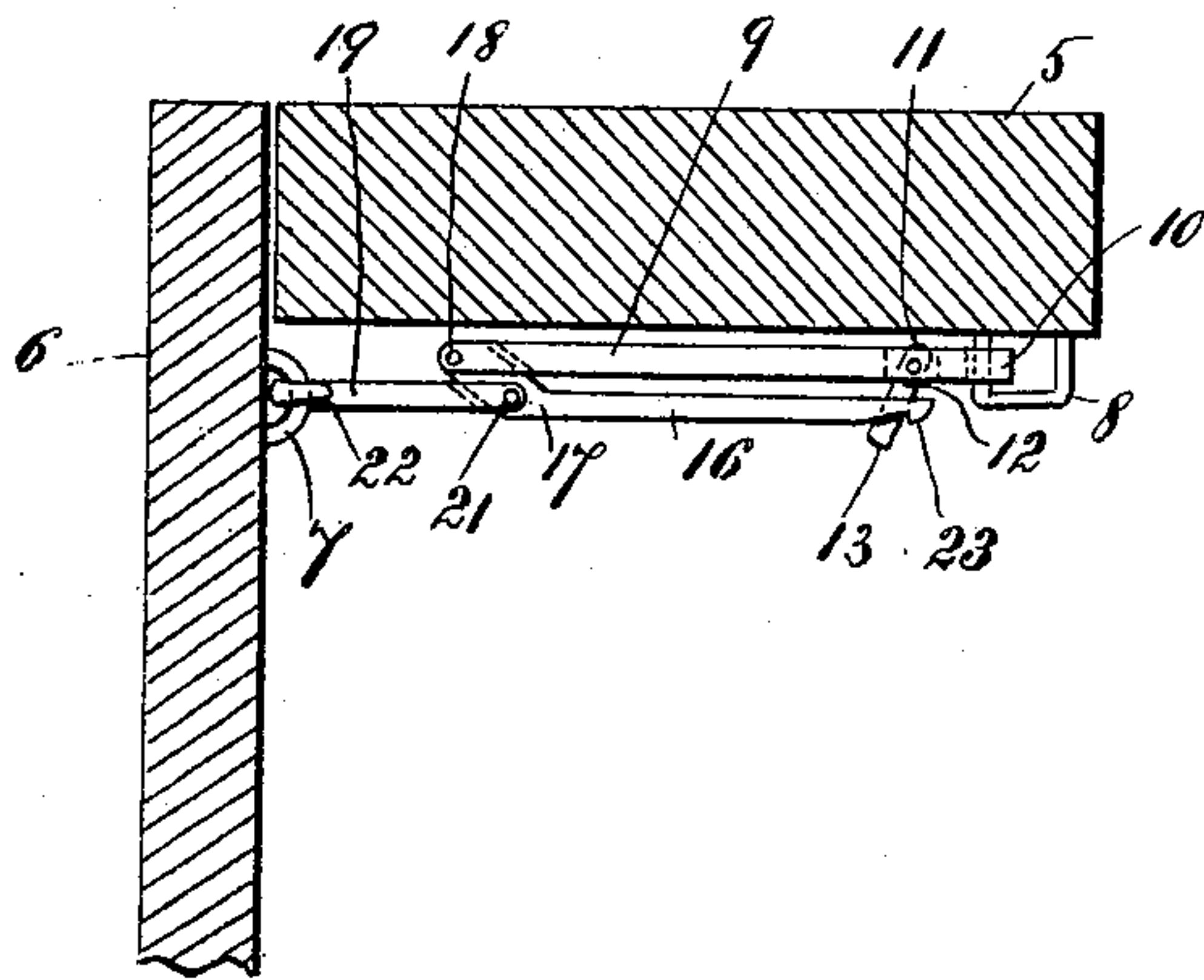


FIG. 2.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOHN RANDEL WASHBURN, OF VALLEY JUNCTION, WISCONSIN.

## SLIDING-DOOR FASTENER.

SPECIFICATION forming part of Letters Patent No. 607,495, dated July 19, 1898.

Application filed September 21, 1897. Serial No. 652,471. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN RANDEL WASHBURN, a citizen of the United States, residing at Valley Junction, in the county of Monroe and State of Wisconsin, have invented certain new and useful Improvements in Fastening Devices for Doors, Gates, and Similar Articles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to fastening devices for doors; and the object thereof is to provide an improved device of this class which may be used in connection with any door and which is especially adapted for use in connection with sliding doors, a further object being to provide an improved fastening device of this class which may be used in connection with gates, hinged windows, and similar articles.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a side view of one side of a door-frame and showing a door in section and my improved fastening device connected with the door-frame, and Fig. 2 a section on the line 2 2 of Fig. 1.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in said drawings I have shown at 5 a part of one side of a door-frame, and at 6 a part of a sliding door, and in the practice of my invention I secure to the inner side of the door a staple or other fastening device 7, and secured to the frame 5 of the door is another staple or similar device 8. I also provide a bar 9, which is provided with a head 10, which is pivotally connected with the staple 8 and to which is pivoted at 11 a catch or similar device 12, which is provided with a cross-head 13 and which is adapted to enter a slot 14, formed in the head 15 of the supplemental bar 16, which is provided at the end opposite the staple 8 with an angular extension 17, which is pivoted to the end of the bar 9 at 18, and I also provide an auxiliary bar 19, which is provided with a head 20, which is pivotally connected with the end of the supplemental

bar 16 at 21, and the free end of the bar 19 is provided with two prongs or hooks 22, which project in opposite directions.

Only one of the prongs or hooks 22 is absolutely necessary, and the end of the supplemental bar 16 adjacent to the staple 8 is provided with a notch or recess 23, with which the cross-head 13 of the catch 12 is adapted to engage.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof.

When the door 6 is swung or moved into the position shown in the drawings, one of the hooks 22 is connected with the staple 7, as clearly shown in the drawings, and the supplemental bar 16 is then swung into the position shown in Fig. 2, and the catch 12 is connected therewith, as is also shown in said figure, and whenever it is desired to open the door the free end of the supplemental bar 16 is pressed inwardly and the pivoted catch 12 released, and the bar 16 is then swung outwardly, so as to release the tension on the auxiliary bar 19, which may then be disconnected from the staple 7.

The swinging of the supplemental bar into the position shown in Fig. 2 draws the auxiliary bar 19 taut and securely holds the door in the closed position, and it will thus be seen that I accomplish the object of my invention by means of a device which is simple in construction and operation and perfectly adapted to produce the result for which it is intended.

It will also be apparent that this device may be used in connection with gates, hinged windows, and similar articles and when used in connection with a gate the staple 8 is secured to the gate-post and the staple 7 secured to the gate, and when used in connection with a window the staple 8 is secured to one side of the window-frame and the staple 7 to the sash, and it will be apparent that changes in and modifications of the construction herein described may be made without departing from the spirit of my invention or sacrificing its advantages.

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



1. A fastening device for doors, gates and other articles, said fastening device consisting of a staple or similar device as 8, a bar pivotally connected therewith, a supplemental bar provided at one end with an angular extension which is pivotally connected with the free end of the first-named bar, a catch pivotally connected with said first-named bar, and adapted to operate in connection with the free end of the supplemental bar, and an auxiliary bar pivotally connected with said supplemental bar adjacent to the angular extension of the end thereof, said auxiliary bar being provided at its free end with a hook, substantially as shown and described.

2. The fastening device herein described,

consisting of a bar as 9, provided with a pivoted catch as 12, a supplemental bar as 16, pivotally connected with one end of the first-named bar, and provided with an angular extension at said end, an auxiliary bar as 19, pivotally connected with the supplemental bar, and provided at its free end with a hook, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 14th day of September, 1897.

JOHN RANDEL WASHBURN.

Witnesses:

H. H. SHERWOOD,  
A. L. HALSTEAD.