No. 661,155. Patented Nov. 6, 1900.

H. A. NOTTINGHAM.

HASP LOCK.

(Application filed Aug. 6, 1900.)

(No Model.)

FIG. 1.

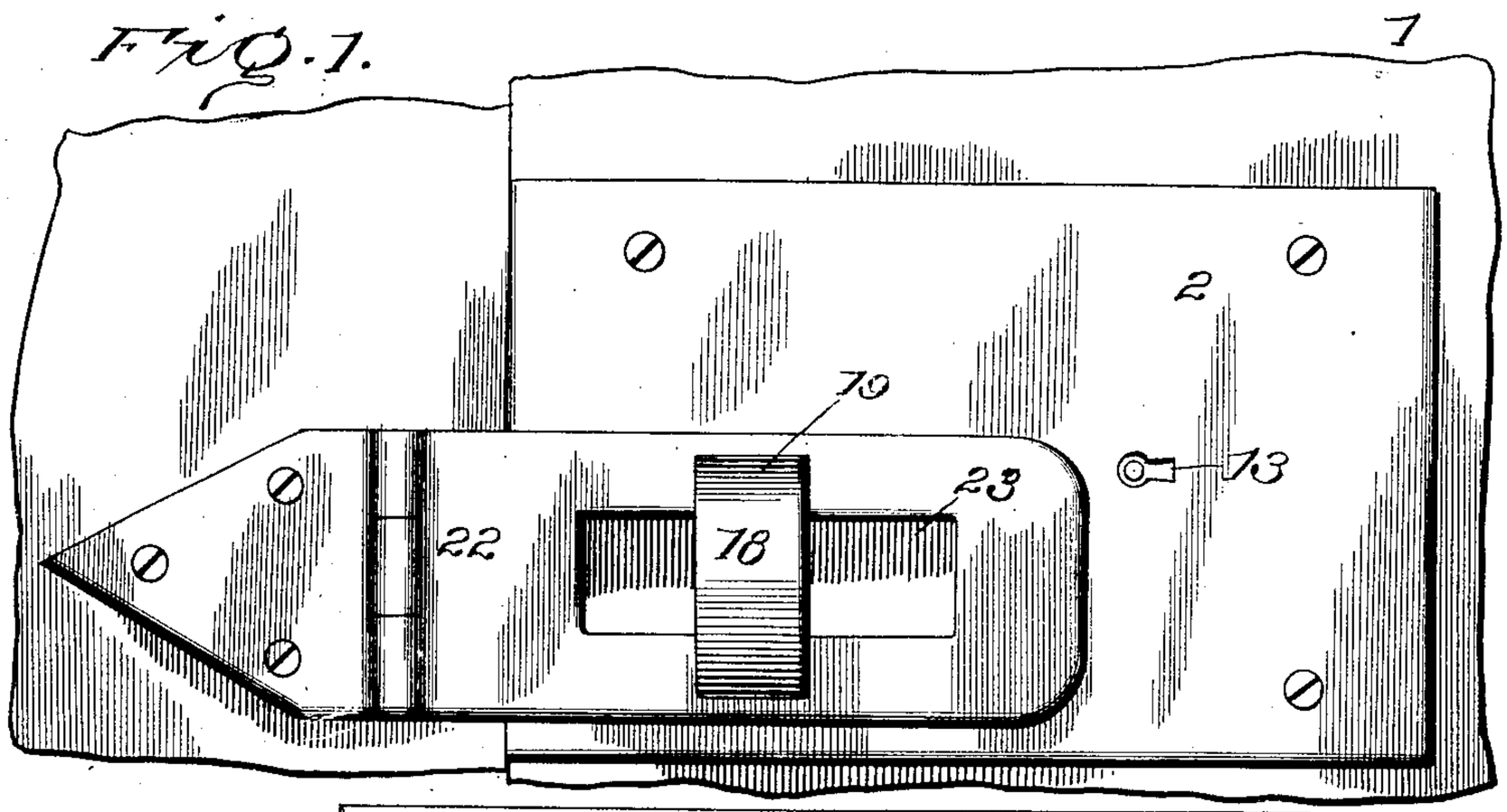


FIG. 2.

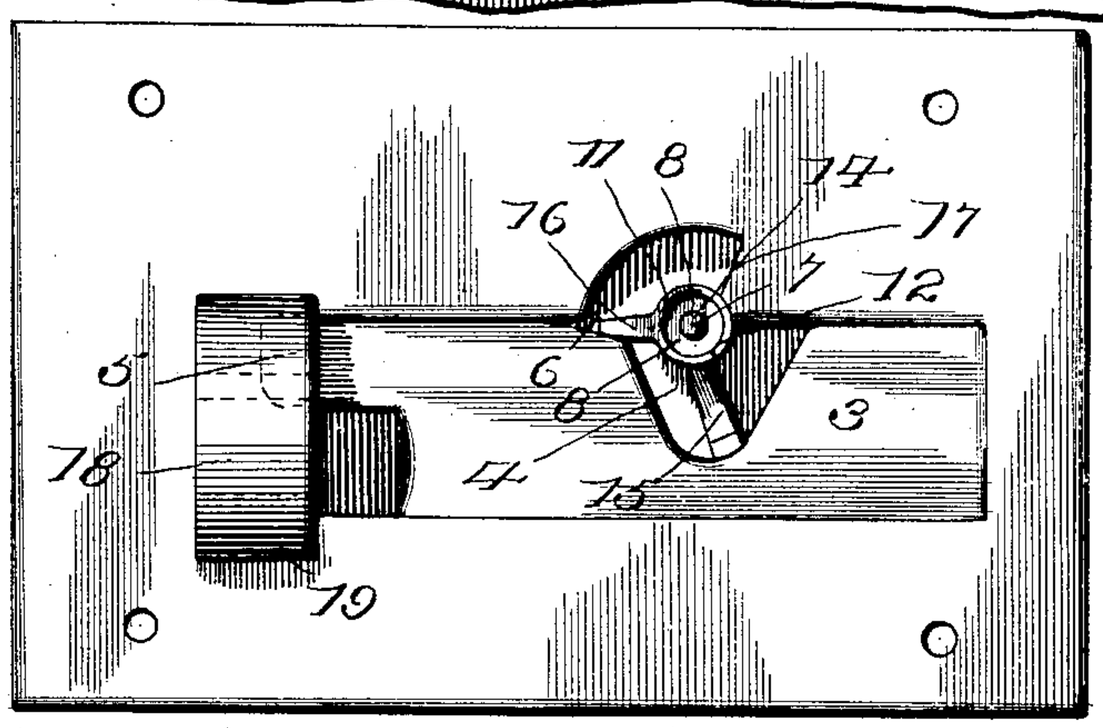


FIG. 3.

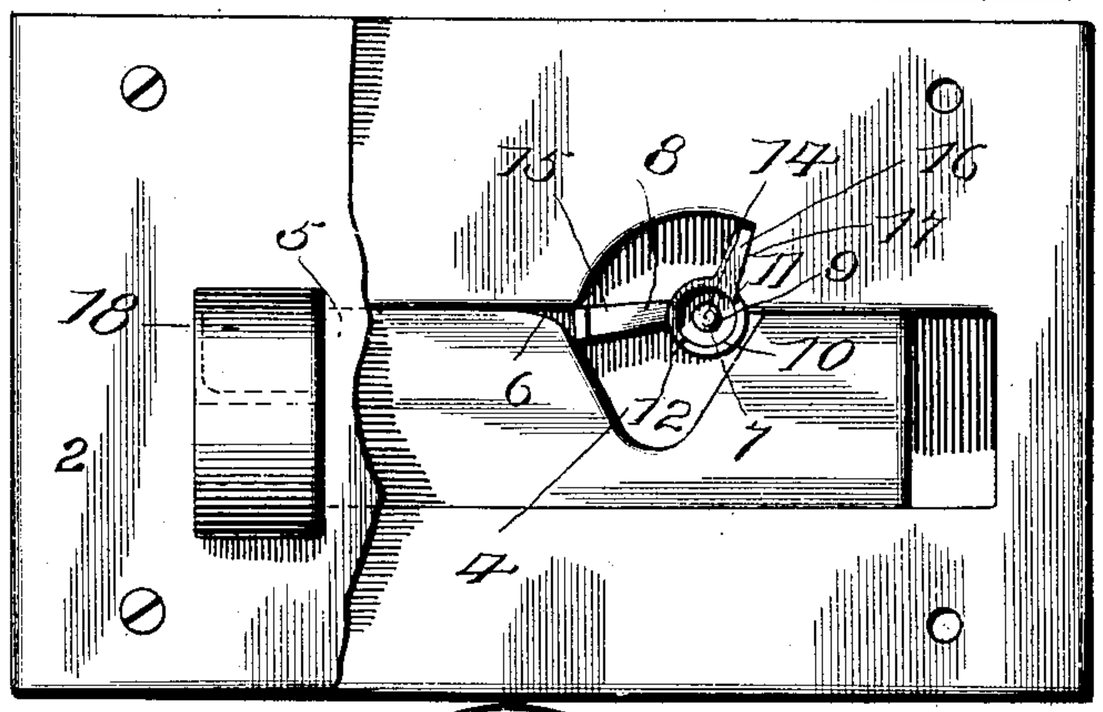
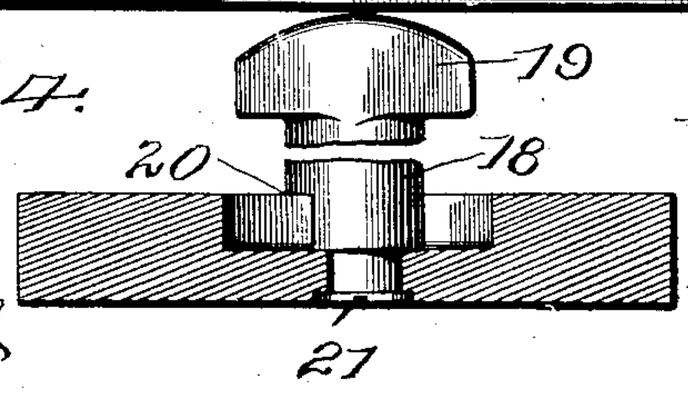


FIG. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

HILDA A. NOTTINGHAM, OF FORT BENTON, MONTANA.

HASP-LOCK.

SPECIFICATION forming part of Letters Patent No. 661,155, dated November 6, 1900.

Application filed August 6, 1900. Serial No. 26,065. (No model.)

To all whom it may concern:

Be it known that I, HILDA A. NOTTINGHAM, a citizen of the United States, residing at Fort Benton, in the county of Choteau and State of Montana, have invented certain new and useful Improvements in Hasp-Locks; and I do hereby 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 relates to hasp-locks, and has for one object the provision of a device of the character described which will comprise a small number of parts and will be capable of being manufactured cheaply.

Another object of the invention is the provision of a hasp-lock having a novel form of bolt and tumbler coöperating therewith, which will insure a most secure locking action, while being capable of easy retraction of the bolt upon the application of the proper key.

Having the foregoing objects in view, the invention consists of certain improved features and novel combinations of parts, all of which will be more fully described hereinafter and set forth in the appended claims.

In the accompanying drawings, Figure 1 illustrates the complete invention; Fig. 2, a front view with the cover to the casing removed and showing the bolt shot back; Fig. 3, a view similar to Fig. 2, showing the parts when locked; and Fig. 4, a section through the locking-button and bolt.

The numeral 1 designates the casing, and 2 the cover therefor. The bolt is shown at 3, the same having a notch 4 and a locking end 5 and being cut away slightly at 6. Pivoted on a boss 7 on the casing is a tumbler 8, having its hub 9 cut away at 10, leaving the shoulders 11 and 12 for the engagement of the bit of the key, which is intended to be passed through the keyhole 13 in the cover and over a pin 14 on the boss. The tumbler has an operating-arm 15 projecting into the notch 4 of the bolt, whereby the latter is shot back and forth, and said tumbler is also provided with a stop-arm 16, which is adapted to abut the cut-away part 6 of the bolt when the latter is shot back out of engagement with the locking-button and also to strike against a shoulder 17 on the casing when the bolt has been shot into engagement with the button. The locking-button is shown at 18, the same being provided with a head 19 and a flat cut-away portion 20 and being pivoted to the casing by a screw 21. When the bolt is shot toward the button and the head 19 of the latter is at right angles to the bolt, the locking projection 5 of the bolt bears against the flattened or cut-away portion 20 and prevents the button from being turned.

The numeral 21 designates a hasp having a slot 23 in the hinged portion thereof, which is sufficiently wide and long for the passage of the head 19 of the button when alined therewith.

In using my hasp-lock the hasp is of course secured to the wall or fence or other object and the lock secured to the door or gate in such position that when the locking-button is turned it can be made to aline with the slot 23 and pass therethrough. To lock the door or gate, the head of the button is passed through the slot and turned at right angles thereto. This will bring the cut-away portion 20 in position for engagement with the projection 5 on the bolt when the latter is shot toward the button. To thus shoot the bolt, the key is inserted and turned so as to engage the shoulder 11, and on further turning the tumbler will be turned so that the stop-arm eventually strikes the shoulder 17 and the operating-arm of the tumbler becomes substantially alined with the length of the bolt, after shooting the same to lock with the button, so that any back movement of the latter is absolutely checked, because the tumbler is on a dead-center, as it were. To shoot back the bolt out of engagement with the button, the bit of the key is turned against the shoulder 12 on the tumbler until the stop-arm of the tumbler strikes the part 6 on the bolt, whereby further movement is resisted. The bolt is then disengaged from the button and the latter can be turned and the hasp disengaged therefrom.

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

1. In a hasp-lock, the combination with a pivoted locking-button, of a sliding bolt adapted to engage and secure the button, a tumbler having an operating-arm received in

a notch in the bolt whereby the latter is shot back and forth and having a stop-arm, and a shoulder or stop on the casing adapted to engage the said stop-arm when the bolt has been shot into engagement with the button and said operating-arm being adapted to aline lengthwise with the bolt when the latter is thus engaged, whereby retraction of the bolt is prevented.

2. In a hasp-lock, the combination with a pivoted locking-button, of a sliding bolt adapted to engage with and secure the button, a tumbler having two shoulders for engagement with the bit of the key and provided with an operating-arm which enters a notch in the bolt and also having a stop-arm adapted to engage a shoulder on the lock-casing when the bolt is engaged with the button, said operating-arm on the tumbler being adapted to aline lengthwise of the bolt when the latter is engaged with the button and the stop-arm on the tumbler being arranged to abut the bolt when the latter is retracted.

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

HILDA A. NOTTINGHAM.

Witnesses:

THOMAS CLARY,

CHAS. H. BOYLE.