No. 649,387. Patented May 8, 1900.

T. WRIGHT.

HINGE.

(Application filed Aug. 31, 1899.)

(No Model.)

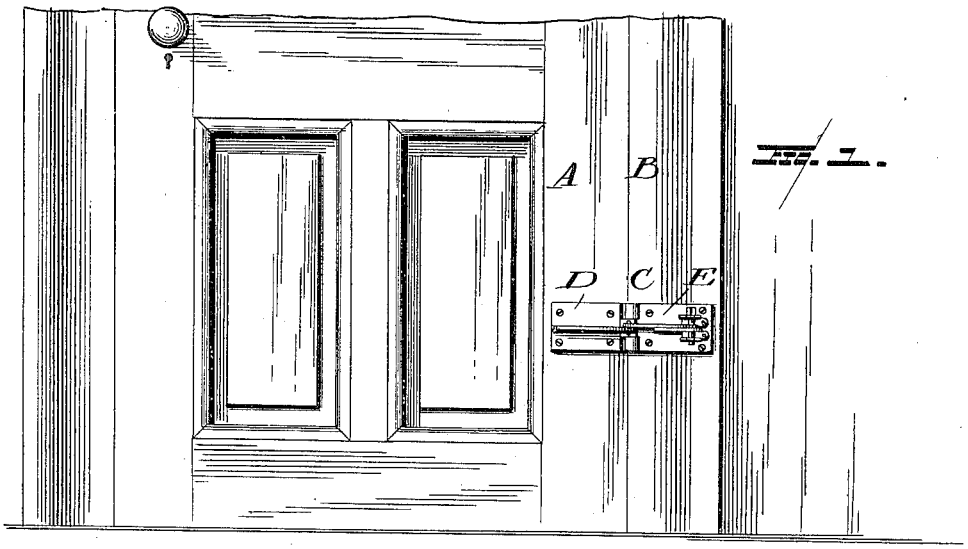


Fig. 1.

Fig. 2.

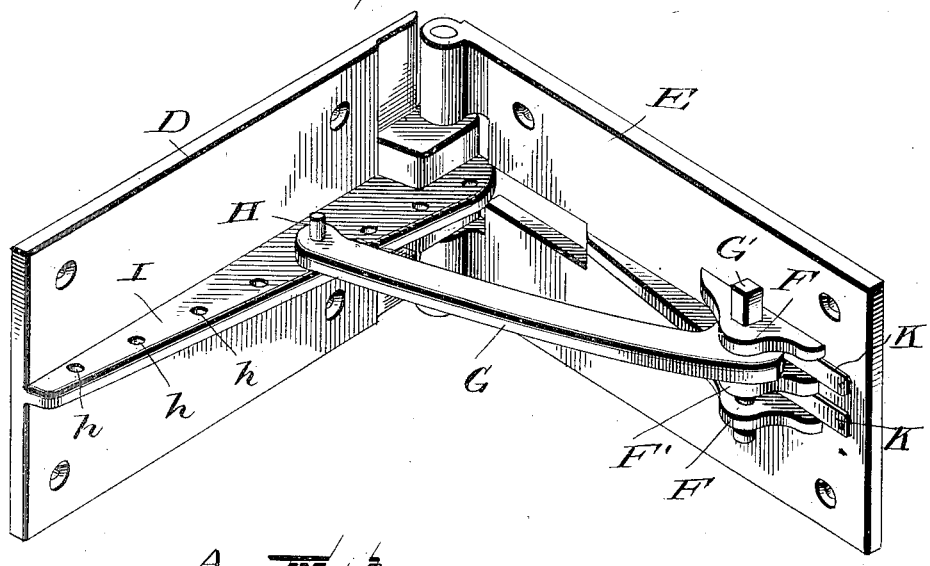
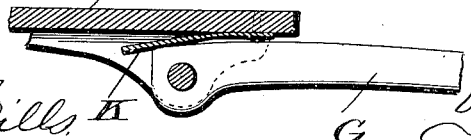


Fig. 3.



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UNITED STATES PATENT OFFICE.

THOMAS WRIGHT, OF ROME, GEORGIA.

HINGE.

SPECIFICATION forming part of Letters Patent No. 649,387, dated May 8, 1900.

Application filed August 31, 1899. Serial No. 729,078. (No model.)

To all whom it may concern:

Be it known that I, THOMAS WRIGHT, a citizen of the United States, residing at Rome, in the county of Floyd and State of Georgia, have invented certain new and useful Improvements in Hinges; 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 of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in hinges, and it has more particular reference to that class of hinges which are adapted to be used upon doors or gates and in which provision is had for locking the door or gate at any point at which it may be desired to retain the same.

To these ends and to such others as the invention may pertain the same consists in the novel construction and in the peculiar arrangement, combination, and adaptation of parts, all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, indicate the same parts throughout the several views, and in which—

Figure 1 is a front elevation of a portion of the door, showing my improved form of hinge applied thereto. Fig. 2 is an enlarged detail in perspective, showing the hinge detached from the door, the hinge being shown as partly open and locked; and Fig. 3 is a sectional detail showing one of the springs.

Reference now being had to the details of the drawings by letter, A represents a door which is hinged to the casing B by the hinge C, said hinge consisting of the two leaves or hinged members D and E, the member or leaf E being secured to the door frame or jamb and the member or leaf D being secured to the door. It will be noted that the leaf E is provided upon its outer face and near its outer end with lugs F F and an intermediate lug F′, between the upper of which lugs F F and the intermediate lug F′ is pivoted, by means of a vertical pin or pivot G′, a lever G, the opposite or free end of which lever being provided with a pin H, adapted to engage openings *h* in a metallic strip I, carried by and extending centrally across the longitudinal center of the leaf D of the hinge.

When it is required that the hinge should be placed in a reverse position, it will be simply necessary to reverse the position of the lever G by pivoting its inner end between the lower lug F and the intermediate lug F′. In order to hold the lever or arm G against vibration or movement and to hold the same back against the door jamb or frame when the lever is not in use, I provide flat springs K, one end of each of which springs is secured to the leaf E of the hinge and the free end of the spring being adapted to bear against a shoulder at the end of the lever, as shown and as will be readily understood.

From the foregoing description of the construction of the hinge the operation of the same will be readily understood. It will be seen that the door can be locked at any point desired by inserting the pin H at the free end of the lever G into the opening *h* in the strip I, that may be necessary in order to hold the door at the proper angle.

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

1. A reversible hinge and lock therefor, comprising the plates D and E hinged together, a laterally and longitudinally disposed flange I on the face of plate D, having a series of apertures therein, combined with the adjustable locking-lever G with pins on opposite faces thereof and designed to engage said apertures, as set forth.

2. In combination in a hinge and lock therefor, the plates D and E hinged together, said plate D having a laterally and longitudinally extending flange I with tapering edge, and provided with a series of apertures adjacent to said tapering edge, the ears F and F′ integral with the recessed plate E and the adjustable lever G pivoted to said ears and having a pin, the ends of which project from the opposite sides of said lever, and adapted to engage in the apertures in the flange, as and for the purpose set forth.

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

THOMAS WRIGHT.

Witnesses:
JNO. W. STARLING,
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