

H. T. BLAKE.
 Covering-Plate for Hinges.

No. 165,061.

Patented June 29, 1875.

fig 1

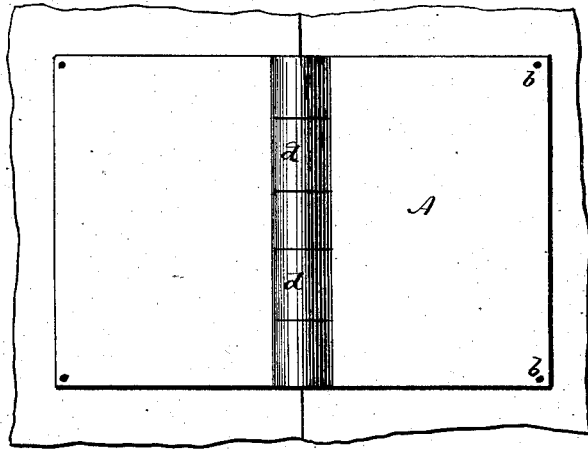


fig 2

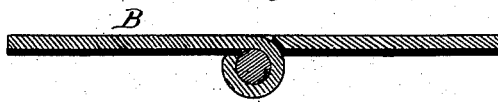


fig 4

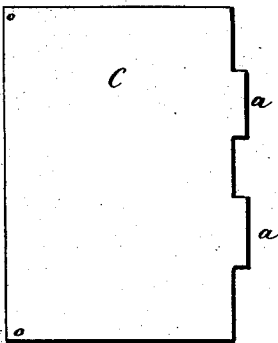


fig 3

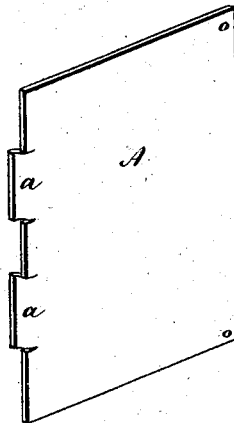
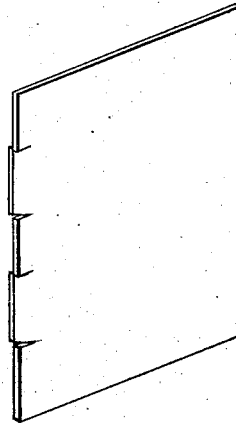


fig 5



Witnesses.
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UNITED STATES PATENT OFFICE.

HENRY T. BLAKE, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN COVERING-PLATES FOR HINGES.

Specification forming part of Letters Patent No. **165,061**, dated June 29, 1875; application filed March 19, 1875.

CASE C.

To all whom it may concern:

Be it known that I, HENRY T. BLAKE, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Covering-Plate for Butt-Hinges; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, front view, open; Fig. 2, transverse section; Fig. 3, one of the covering-plates; Figs. 4 and 5, modifications of the same.

This invention relates to an improvement in the attachment of covering-plates to butts. By covering-plates is understood the plate which is applied over the leaf after the screws have been inserted to secure the butt; the object of this invention being to make these covering-plates from very thin metal, so that the principal attachment will not require any change in the butt, thereby enabling their application to common butt-hinges.

The invention consists in a sheet-metal plate, constructed with bent tongues upon its edge, to pass beneath the knuckle of the hinge, the said tongues serving as the means for securing the inner edge of the plate at the center of the butt, combined with small tacks or other suitable fastenings for the outer edge, as hereinafter fully described.

A represents one plate, which is formed from thin sheet metal, of the size of, or a little larger than, the leaf of the butt. On the inner edge tongues *a* are formed, corresponding to the parts of the knuckle *d* which are formed upon the leaf of the hinge, opposite the one to which the plate is to be applied.

After the hinge has been secured by screws, or in the usual manner, the plate *A* is set over its leaf of the hinge, the tongues *a* passed beneath the parts *d* of the knuckle, and the plate then turned down upon the leaf of the

butt, its opposite edge secured by small tacks *b*, or other suitable fastening.

The plate may be so much wider than the leaf of the hinge that the tacks will pass in outside the edge of the butt; or notches may be made in the leaf, to allow the tacks to pass through. However, the method of securing the outer edge is immaterial, it only being necessary that there be some security.

When the plates are formed with the tongues to pass beneath the part of the knuckle on the other part of the butt, the tongues upon the opposite plate will be the reverse of the tongues of the plate *A*; but in case of sheet-metal butts, when the knuckle is formed by bending the metal around the pintle, as in the part *B*, Fig. 2, the tongues may pass beneath the edge of the turned-over metal of that part of the knuckle which is on the plate to be covered, as seen on the part *B*, Fig. 2. In this case the plate would be formed substantially the same as the plate *A*; but the tongues would be in the same plane with the plate, as seen in Fig. 4, instead of bent down, as in Fig. 2. Or, if preferred, the plate may be slit at that edge, corresponding to the different joints, as in Fig. 5, and alternate tongues pass under the knuckle of the opposite part, and the other tongues under the edge of the knuckle of the part to which the plate is applied, the gist of this invention being in securing the plate by tongues on the edge, to pass beneath the knuckle of the hinge.

I claim—

The herein-described covering-plate for butt-hinges, consisting of a thin plate of sheet metal, with bent tongues upon its edge, to pass beneath the parts of the knuckle of the hinge, to secure the inner edge, combined with means, substantially as described, to secure the opposite edge, all substantially as set forth.

H. T. BLAKE.

Witnesses:

JOHN E. EARLE,
CLARA BROUGHTON.