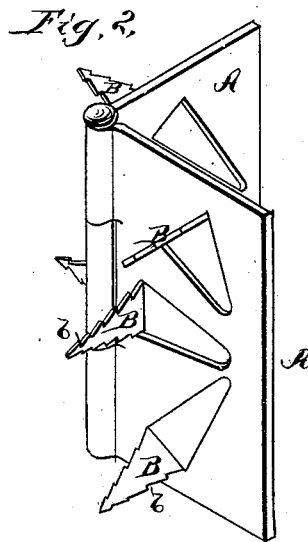
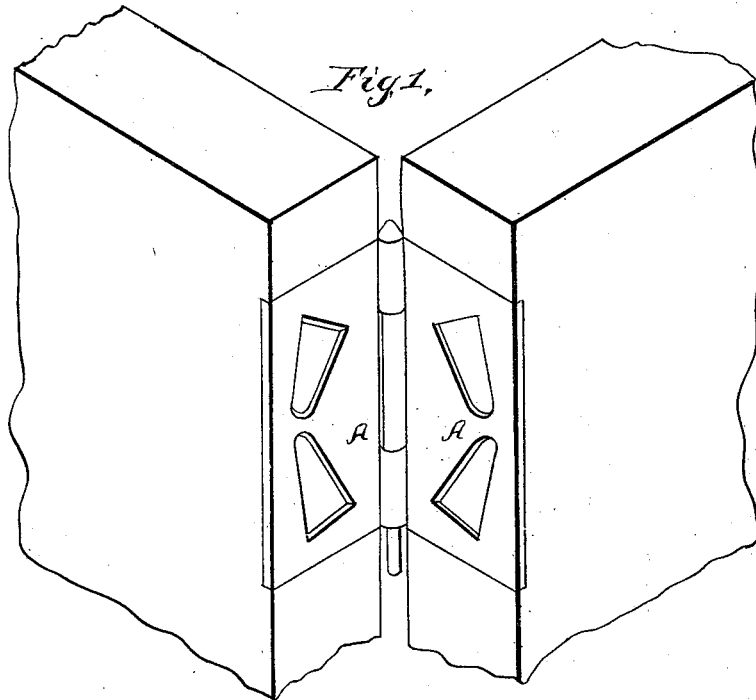


T. T. BISHOP.
Hinge.

No. 201,219.

Patented March 12, 1878.



Witnesses:

H. C. McArthur,

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Inventor:

T. T. Bishop.

per

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UNITED STATES PATENT OFFICE.

THOMAS T. BISHOP, OF ATLANTA, GEORGIA.

IMPROVEMENT IN HINGES.

Specification forming part of Letters Patent No. **201,219**, dated March 12, 1878; application filed February 21, 1878.

To all whom it may concern:

Be it known that I, THOMAS T. BISHOP, of Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Hinges; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to butts and hinges for doors, gates, or other places; and it consists in providing the same with barbed spurs struck up or otherwise formed from the body of the leaves of the hinge, to form the fastenings whereby it is secured in place, as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, showing my improved hinge or butt applied in place. Fig. 2 is a similar view, showing the hinge or butt detached.

A A represent the two leaves of a butt or hinge, connected together in any of the known and usual ways. Each leaf A is provided with two or more spurs, B B, struck up from the body of the hinge-leaf. These spurs are preferably made in tapering or V form, and have barbs or teeth *b b* formed upon their edges, and they are made to stand outward from the leaf at right angles with its plane, and parallel or at any desired angle with the joint.

The toothed or barbed spurs B B form the fastenings for the hinge, and the hinge is thus provided with its fastenings in the same piece; or, in other words, the hinge itself forms the

fastening by which it is secured in place, without the use of screws, nails, or other extraneous and separate means for fastening it in place.

The hinge is secured by driving the spurs B B into the wood, which forms an equally firm and durable fastening as the screws heretofore employed; and it saves the cost of the screws, and the time and labor required in applying the screws.

The spurs B B are preferably cut out from the body of the metal of which the leaf is formed, as represented in the drawing; but it is evident that they may be formed on the edges of the leaves, if so desired. This would, however, require more metal for each hinge.

I do not claim a hinge made of pointed barbed strips and fastened by pressing the same into the article.

It will be understood that I form the barbed spurs by striking up or cutting out the same from the body of each hinge-leaf, making the fastenings strong and durable, so that a hinge with my devices can be used for doors, gates, or other heavy articles, equally as well as for lighter work.

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

A butt or hinge having barbed or toothed spurs formed upon each leaf, struck up or cut from the body of the hinge-leaf to form the fastenings, substantially as herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

THOMAS T. BISHOP.

Witnesses:

W. C. MCARTHUR,
FRANK GALT.