

No. 719,832.

PATENTED FEB. 3, 1903.

A. B. MILLER.

BOX HINGE.

APPLICATION FILED JUNE 24, 1901.

NO MODEL.

Fig. 1.

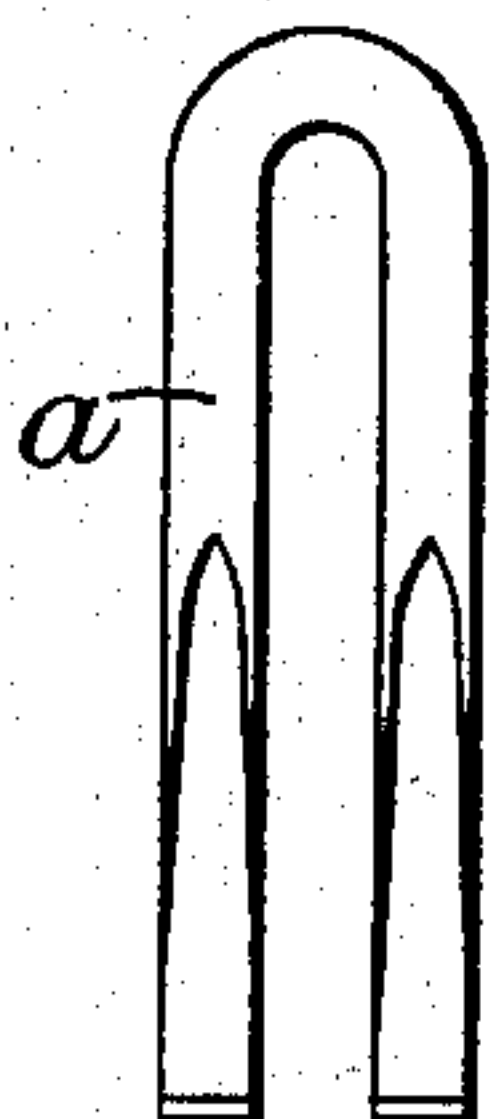


Fig. 2.



Fig. 3.

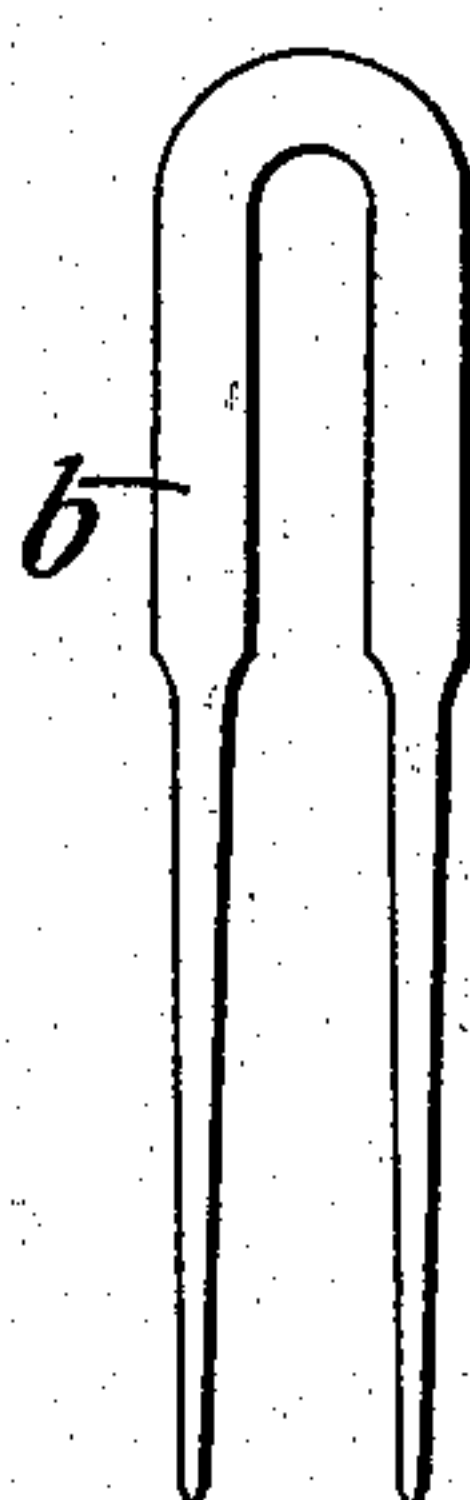
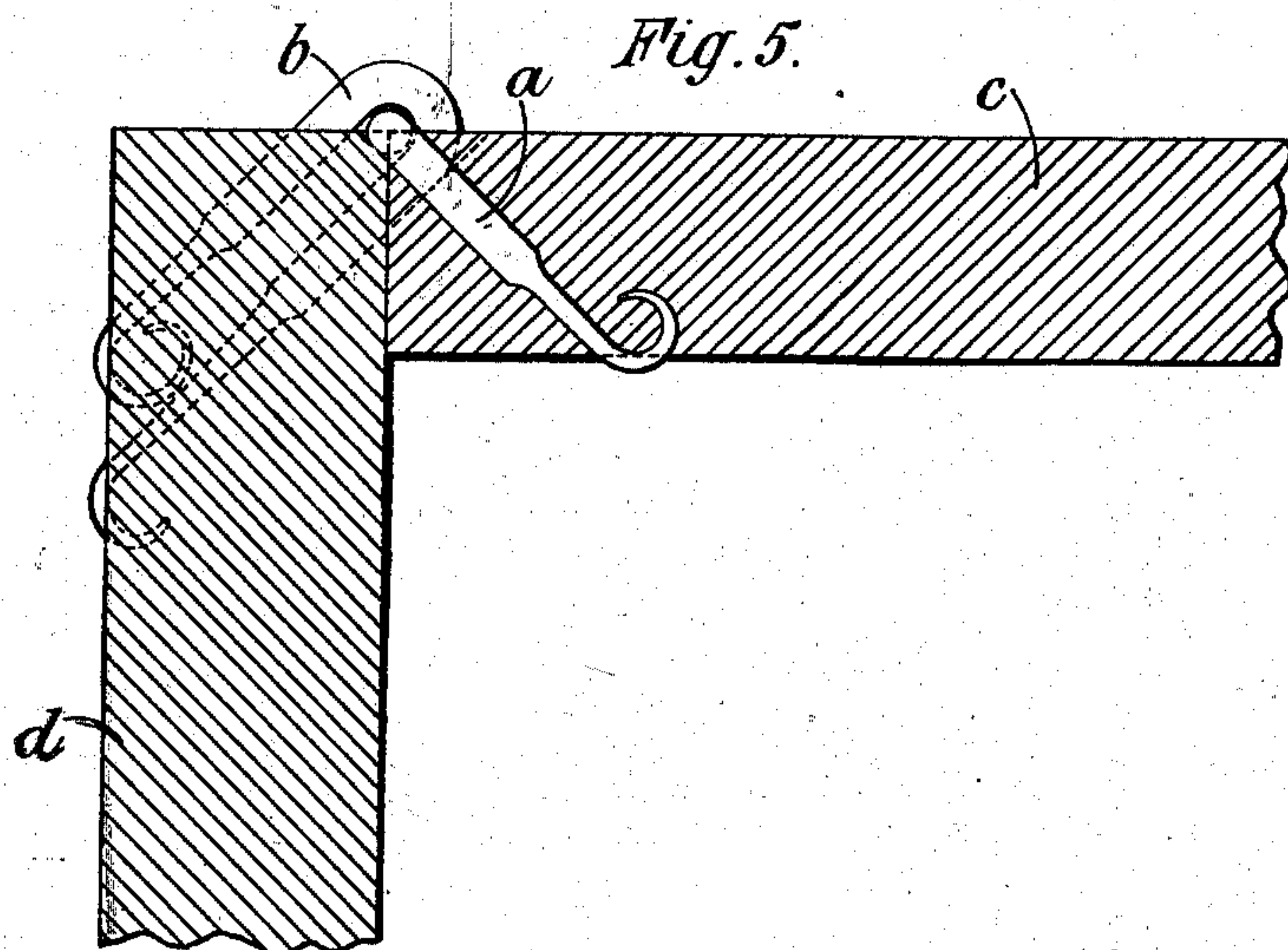


Fig. 4.



Fig. 5.



Witnesses

W. D. [Signature]
Amos D. Elliott

Inventor

Archibald B. Miller

by *James L. Norris*
att'y.

UNITED STATES PATENT OFFICE.

ARCHIBALD BUCHANAN MILLER, OF COUNTY OF MIDDLESEX, ENGLAND.

BOX-HINGE.

SPECIFICATION forming part of Letters Patent No. 719,832, dated February 3, 1903.

Application filed June 24, 1901. Serial No. 65,871. (No model.)

To all whom it may concern:

Be it known that I, ARCHIBALD BUCHANAN MILLER, a subject of the King of Great Britain, residing in the county of Middlesex, England, have invented certain new and useful Improvements in Box-Hinges, of which the following is a specification.

This invention relates to certain new and useful improvements in hinges for hinging parts of boxes together, whereby a very simple, cheap, and effective hinge is obtained.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a side view, and Fig. 2 is an edge view, of a staple forming one member or element of my improved hinge. Figs. 3 and 4 are similar views of another staple adapted to interlock with the first-named staple and form the complementary member or element of the hinge. Fig. 5 is a section of a portion of a box and of its cover or lid, showing the improved hinge applied thereto.

a is a staple having its prongs or legs flattened and tapered, as shown, to form chisel-shaped points, the planes of such flattened legs being parallel to the plane of the staple.

b is the complementary staple, also having

its prongs or legs flattened and tapered to form chisel-shaped points; but in this case the planes of the flattened legs are perpendicular to the plane of the staple.

It will be seen that the flat sides of the staples in both cases are driven parallel to the grain of the wood and that the points of the legs of said staples are deflected or caused to curve back and reënter the wood, as shown in Fig. 5, thus securely clenching the staples and preventing their withdrawal.

What I claim is—

The combination, in a hinge made of two interlocking staples, of a staple having its legs chisel-shaped in a direction at right angles to the plane of the staple and another staple having its legs chisel-shaped in a direction parallel with the plane of the staple, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

A. BUCHANAN MILLER.

Witnesses:

GEORGE HARRISON,
HENRY W. LYNDEN.