

(No Model.)

T. C. VAIL.

FASTENING FOR THE BACKS OF PICTURE FRAMES.

No. 317,248.

Patented May 5, 1885.

Fig. 1.

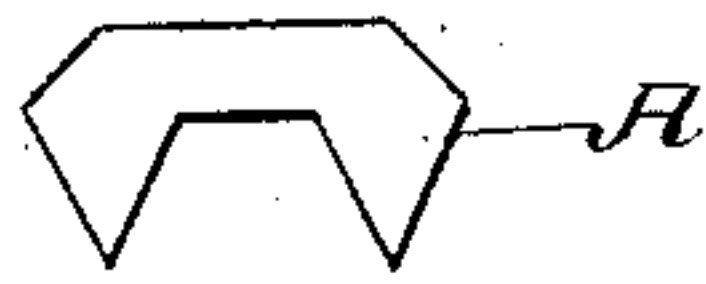
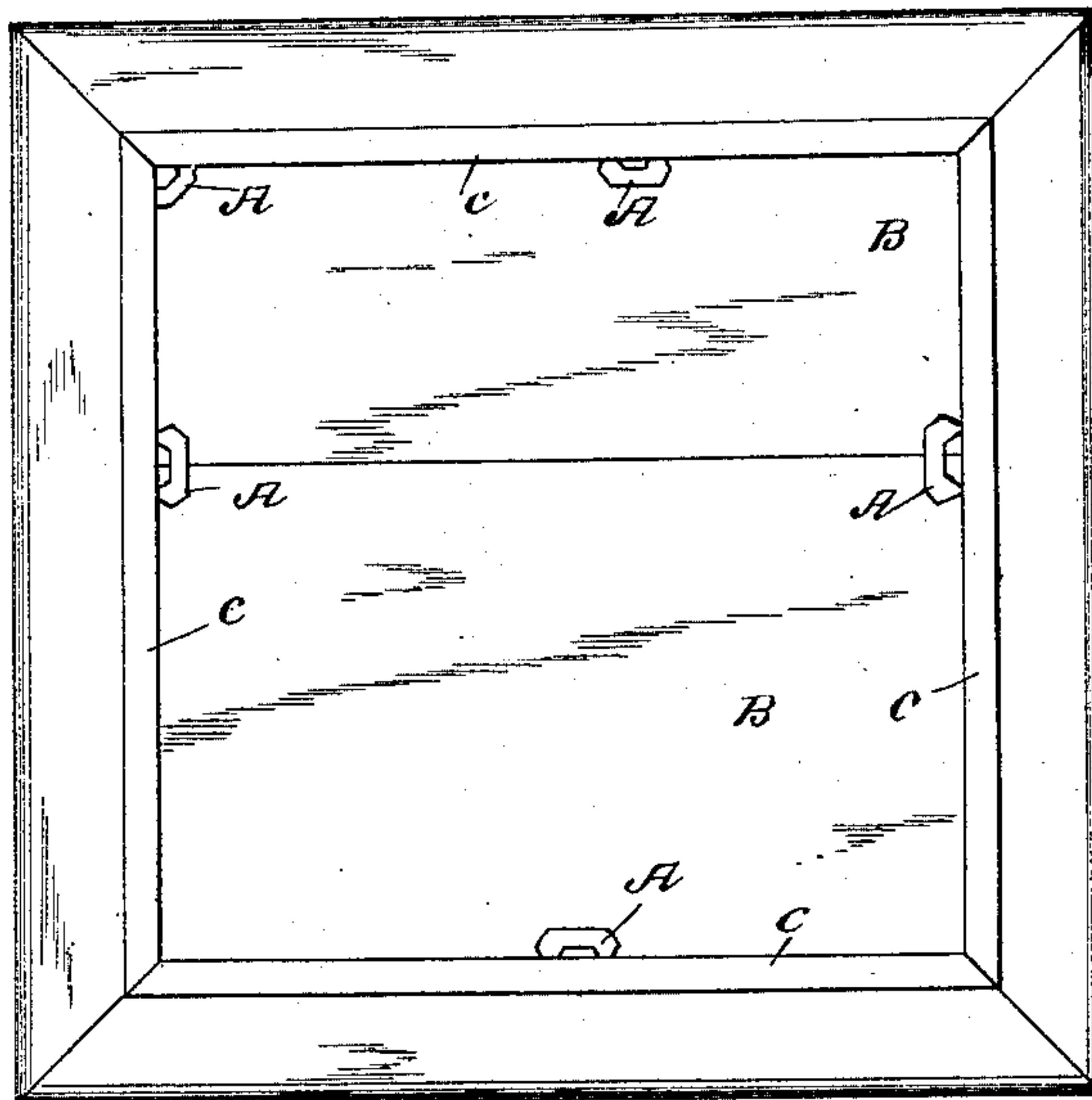


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

THOMAS C. VAIL, OF TOPEKA, KANSAS.

FASTENING FOR THE BACKS OF PICTURE-FRAMES.

SPECIFICATION forming part of Letters Patent No. 317,248, dated May 5, 1885.

Application filed March 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, THOMAS C. VAIL, of Topeka, county of Shawnee, and State of Kansas, have invented a new and useful Improvement in Fastenings for the Backs of Picture-Frames; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use it, reference being had to the accompanying drawings, forming a part thereof.

My invention relates to improvements in fastenings for the backs of picture-frames; and it consists of sheet metal cut so as to form a staple the prongs of which are wedge shape and flat.

The objects of my invention are to provide a fastening that can be driven into the frame without splitting it, that can be extracted without trouble and damage to the frame, and will hold the two edges of the separate boards in the back. These objects I attain by means of the fastenings shown in the accompanying drawings, in which—

Figure 1 is a plan view of the fastening. Fig. 2 is a plan view of a frame having my invention applied.

When desired to use the fastening A, the boards B B are put in place, as shown in Fig. 2 of drawings, and then the fastening is driven into the pieces C C C C in the manner shown in drawings. Now, as the prongs are flat, there is no danger of splitting the side pieces, C C C C, and as the fastening has a long flat head two connecting-pieces can be easily held after the manner shown in drawings; and this fastening can also be driven into the corner of a frame without parting the joint, as is shown in drawings. This requires now two fastenings, and consequently twice the time and labor.

This shape of head has another advantage—namely, that of depressing and straightening a warping place in the boards.

The fastening has its prongs or limbs beveled in both directions, as shown in the drawings. This makes the prongs pointed, and still prevents the tendency to spread the limbs or prongs, as would be the case when they are tapered or beveled on one side alone. The prongs are short, and the bevel or taper on each side is rather abrupt, so that while the fastening is easy to set in place it will not enter so far as to have any tendency to split the frame, nor to be hard to extract. Now, when it is desired to extract the fastenings a common edged tool can be placed between the frame-piece C and the head of the fastening A and the latter pried out of place without bending or destruction, thus saving the necessary waste of the present system where common nails are used.

I am aware that flat metallic staples have been made with the limbs or prongs beveled or tapered on the inside only, and I do not claim such, as this form of staple would tend to spread when driven into the wood; but

What I do claim is—

The herein-described flat metallic fastening having the two prongs or limbs, as shown, each limb being formed with inside and outside converging bevels or tapers, said prongs being short and the two bevels or tapers on each being of about equal inclination, as set forth.

In testimony that I claim the foregoing I append my signature.

THOMAS C. VAIL.

Witnesses:

FRANK L. WOODFORD,
HARRY AUSTIN.