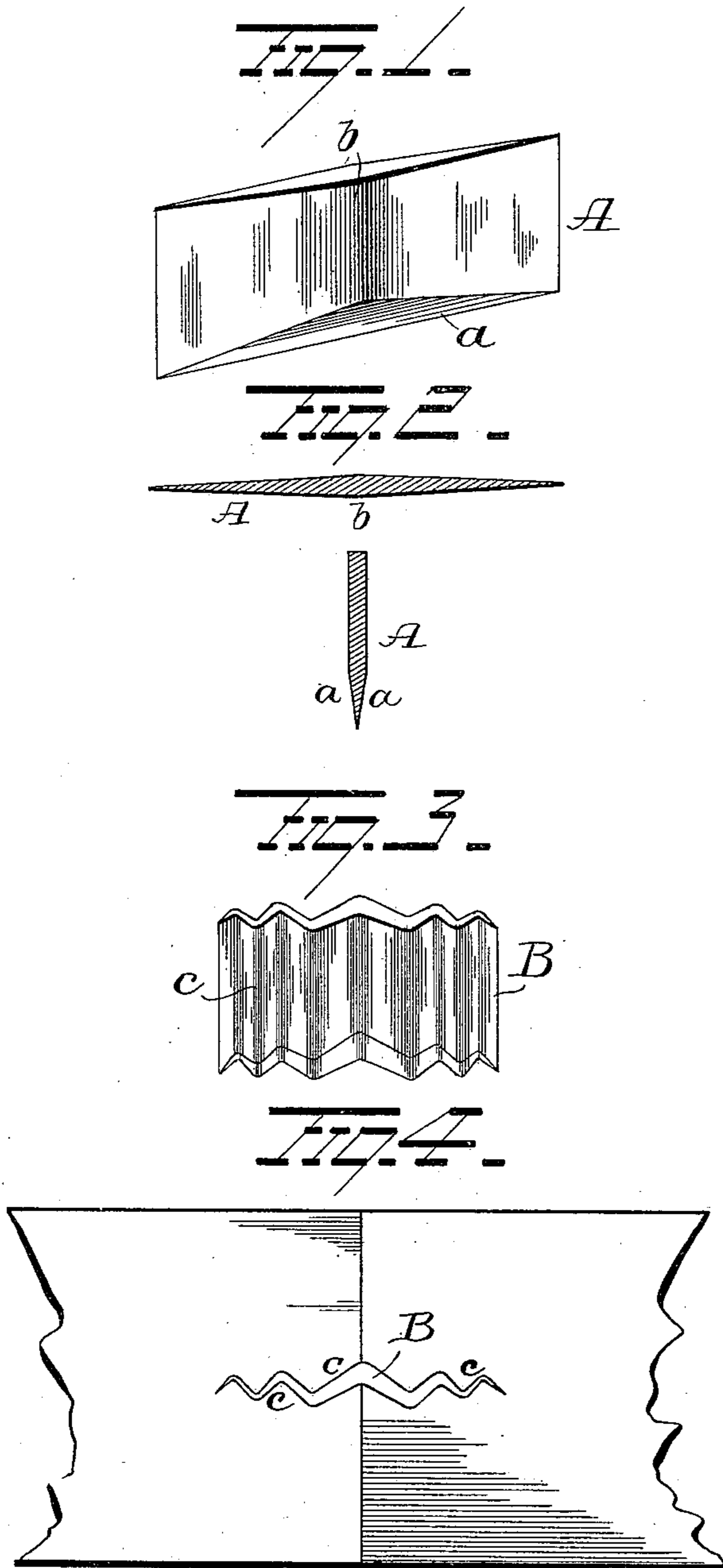


(No Model.)

F. W. STARR.
METALLIC FASTENER.

No. 547,093.

Patented Oct. 1, 1895.



Witnesses
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UNITED STATES PATENT OFFICE.

FERDINAND W. STARR, OF SPRINGFIELD, OHIO.

METALLIC FASTENER.

SPECIFICATION forming part of Letters Patent No. 547,093, dated October 1, 1895.

Application filed January 30, 1895. Serial No. 536,706. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND W. STARR, a resident of Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Metallic Fasteners; and I do hereby 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.

My invention relates to an improvement in metallic fasteners, the object of the invention being to produce an efficient metallic fastener for making secure the joint formed by the meeting of two pieces of wood and to so construct said fastener that it shall be strongest at the point where the major portion of the strain will come—viz., at the point where the two pieces of wood abut.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view of a blank from which the fastener is made. Fig. 2 is a sectional view of the same. Fig. 3 is a view of the finished article. Fig. 4 is a view showing the application of my invention.

A represents the blank and B the finished article. The device is made of steel or other suitable metal. One edge *a* of the blank is beveled to produce a sharp edge, and the ends of the blank are tapered or reduced, so that the blank will be wedge-shaped toward both ends, thus leaving a thickened central portion *b*. The blank will then be made with corrugations *c*, and the latter may be made

convergent, so that when the device is driven into the meeting ends or edges of two pieces of wood said corrugations will act to draw the pieces of wood closely and tightly together, or the corrugations may be made parallel without departing from the spirit of my invention.

The device will be driven into two pieces of wood, as shown in Fig. 4, one-half of the fastener being located in each piece. From this construction it will be seen that the fastener is made thickest and strongest between its ends and at the juncture of the two pieces of wood, where the greatest strain on the fastener will come.

Making the device in the manner above explained also results in a saving of material. The device can be used for fastening the corners of boxes, picture-frames, and other articles.

My improvement is simple in construction, can be cheaply manufactured, is easy to apply, and is effectual in all respects in the performance of its functions.

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

As an article of manufacture, a metallic fastener consisting of a strip of metal gradually tapering from the center and having one sharpened edge, said strip of metal having corrugations formed therein, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

FERDINAND W. STARR.

Witnesses:

SMITH R. THOMPSON,
JOSHUA SCOTT.