J. E. GOODRICH.

FRAME CORNER.

No. 190,028. Patented April 24, 1877.

Fig. 1.

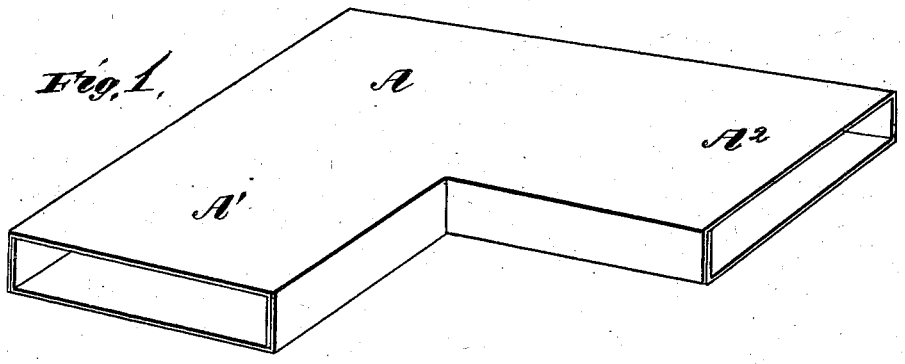
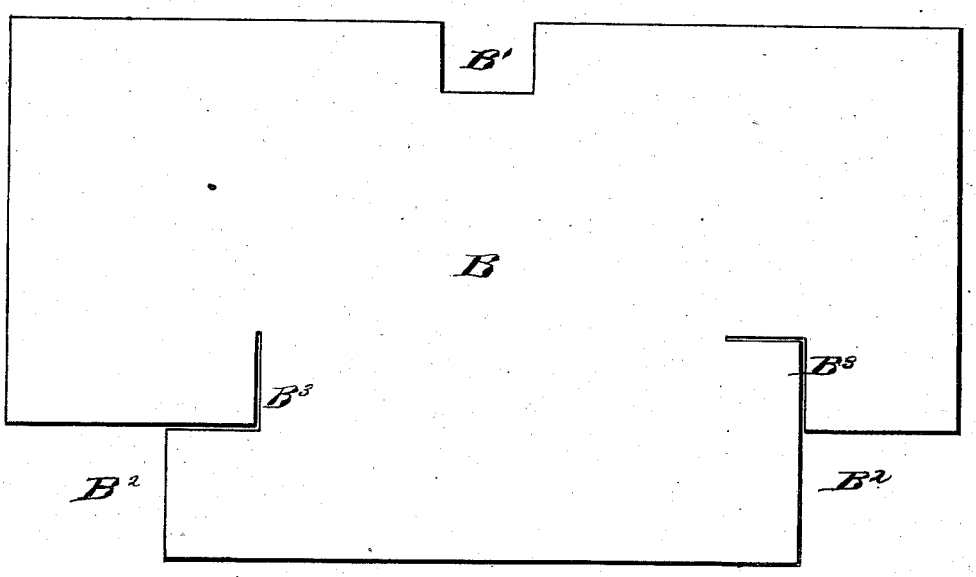


Fig. 2.



WITNESSES

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JOHN E. GOODRICH, OF SYCAMORE, OHIO.

IMPROVEMENT IN FRAME-CORNERS.

Specification forming part of Letters Patent No. **190,028**, dated April 24, 1877; application filed August 19, 1876.

To all whom it may concern:

Be it known that I, JOHN E. GOODRICH, of Sycamore, in the county of Wyandotte and State of Ohio, have invented a new and valuable Improvement in Picture and other Frame Corners; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of my frame-corners, and Fig. 2 is a plan view of the blank from which I construct my frame-corners.

This invention consists in the peculiar construction of plates or blanks for forming the corners of frames of a single piece of sheet metal, as will be hereinafter more fully set forth.

My invention further consists of a tubular metallic picture and other frame corner; and, also, in such tubular corner made by bending over a blank of peculiar construction, formed of a single piece of metal, as will be hereinafter more fully set forth.

In the annexed drawings, A designates a corner-piece of sheet metal, which is hollow and provided with two sockets, or short rectangular tubes, A^1 and A^2. Socket A^1 receives one of the ends of one of the strips or rails composing the frame, and socket A^2 receives the contiguous end of another strip at right angles thereto.

B, Fig. 2, designates a blank of sheet metal provided with a square recess, B′, in the top of its middle portion, and with similar recesses B^2 B^2 at its two lower corners. From the inner corners of recesses B^2 B^2 rectangular cuts or slots B^3 B^3 extend upward and inward, as shown. Said blank is easily folded and pressed into the shape of a corner-piece, A, as shown in Fig. 1, it being constructed out of a single piece of sheet metal.

Instead of sheet metal, any material capable of similar treatment may be substituted.

This invention is applicable to picture-frames, mirror-frames, and angular frames of any sort, and as many of said corners are used as there are angles in the frame to which said corner-pieces are applied.

By making said corner in one piece the necessity for using solder or any sort of fastening is obviated, and the attachment of the various parts of the frame is made more permanent and satisfactory.

By constructing the corner of a tubular form, the pieces of the frame inserted therein are securely held in place, all liability of vertical or lateral displacement being obviated, it being impossible to remove the sides of the frame from the corners unless by withdrawing them from their sockets.

I am aware that a corner for the frames of pictures, window-screens, and the like, composed of a thin web and flanges, has heretofore been employed, and I therefore lay no claim to such invention, in which the sides of the frame are liable to become detached from the corners laterally.

What I claim as new, and desire to secure by Letters Patent, is—

1. A tubular, rectangular, metallic frame-corner having the sockets A^1 A^2, substantially as described, and for the purpose set forth.

2. The tubular metallic frame-corner A, constructed by bending over the blank B, made out of a single piece of sheet metal, substantially as described, and for the purpose set forth.

3. The blank B, having recesses B^1 B^2 B^2 and rectangular slots or cuttings B^3 B^3, substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN EUGENE GOODRICH.

Witnesses:
WILBER BROWN,
A. E. GIBSON.