

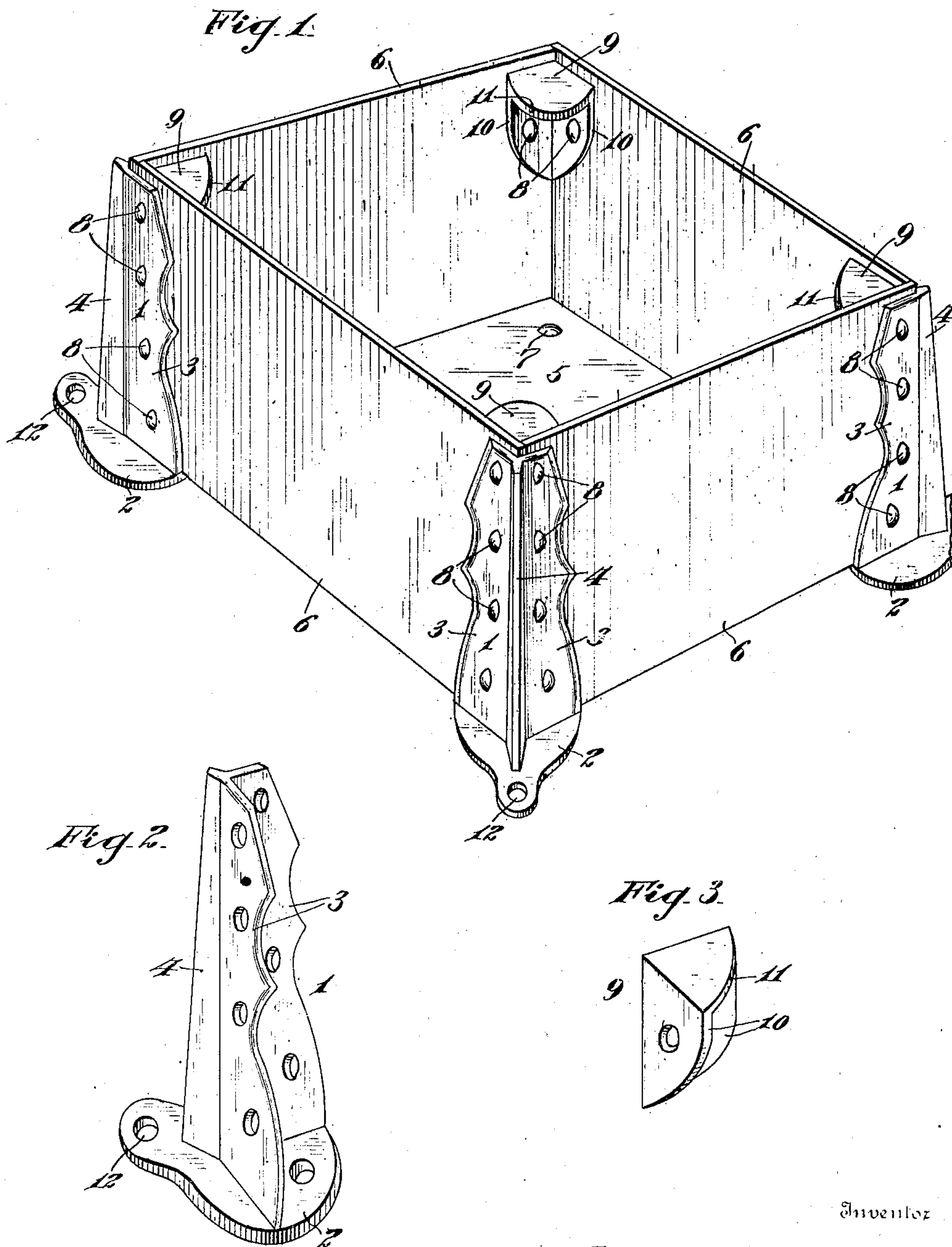
J. H. BAKER.

BOX.

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938,811.

Patented Nov. 2, 1909.



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BOX.

938,811.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN H. BAKER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Boxes, of which the following is a specification.

My invention relates to an improved box, and more particularly to a box designed for use as a terminal fuse or switch box, such as ordinarily employed in electric wiring, the object of the invention being to provide an improved corner bracket, which will effectually couple the side and bottom plates, and serve as a means for attaching the boxing in a pocket or to a wall. Heretofore boxes of this character have been made from a single blank of sheet metal bent forming the bottom and four sides. A structure of this kind necessitates thin metal which is weak in construction to start with, and which soon becomes defective in a wall.

With my improvements the box may be made from metal of any desired thickness, and can be made as rigid and strong as desired, and will last for an indefinite period in use.

The invention consists in certain novel features of construction, and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings, Figure 1, is a perspective view illustrating my improvements. Fig. 2, is a detail view of one of the corner brackets, and Fig. 3, is a detail of one of the inside brackets.

1 represents my improved corner bracket, which comprises a single casting forming a base 2, having webs 3 projecting at right angles to the base and at right angles to each other, and strengthened by a tapering web 4 at the back of the meeting edges of the webs 3.

5 represents the bottom of the box, and 6 the four side pieces. In assembling a box, I employ four brackets 1, and position the bottom 5 with its corners on the bases 2 of the brackets, snugly fitting between the webs 3, and secure the bottom 5 to the bases of the brackets by means of rivets 7, passed through alined openings in the bottom and

the bases. The sides 6 are then secured to the inner faces of the webs 3 of the several brackets, by means of rivets 8, as clearly shown, and inner corner brackets 9 are secured within the corners of the box formed by the sides 6. These brackets 9 are also castings having sides 10 at right angles to each other, and connected by a top 11, and the upper rivets 8 are passed through alined openings in the webs 3, sides 6 and sides 10 of brackets 9, and when upset will rigidly secure the brackets 9 in the corners, and a perfectly rigid durable box will be formed.

The base 2 of each bracket 1, constitutes an anchor which may be anchored in the wall in various ways, and each base is preferably provided with an opening 12, to receive a screw or other securing device not shown, whereby the box may be attached to the outer face of a wall, or within a pocket in the wall.

It will be understood that the box will be provided with openings to receive electric wires, pipes and insulating tubes as may be desired for the wiring of a house, and may be altered in various ways to suit the conditions of its use, and therefore a great many changes might be resorted to without departing from my invention, and hence I consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the claim.

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

In a device of the character described, the combination with the bottom and sides, of a corner bracket comprising an integral casting, consisting of a base, and webs on said base at right angles to each other, and at right angles to the base, inside right angle brackets at the juncture of the sides, and securing devices securing said bottom to the base, said sides to the webs, and said inside brackets, sides, and webs together.

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

JOHN H. BAKER.

Witnesses:

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