

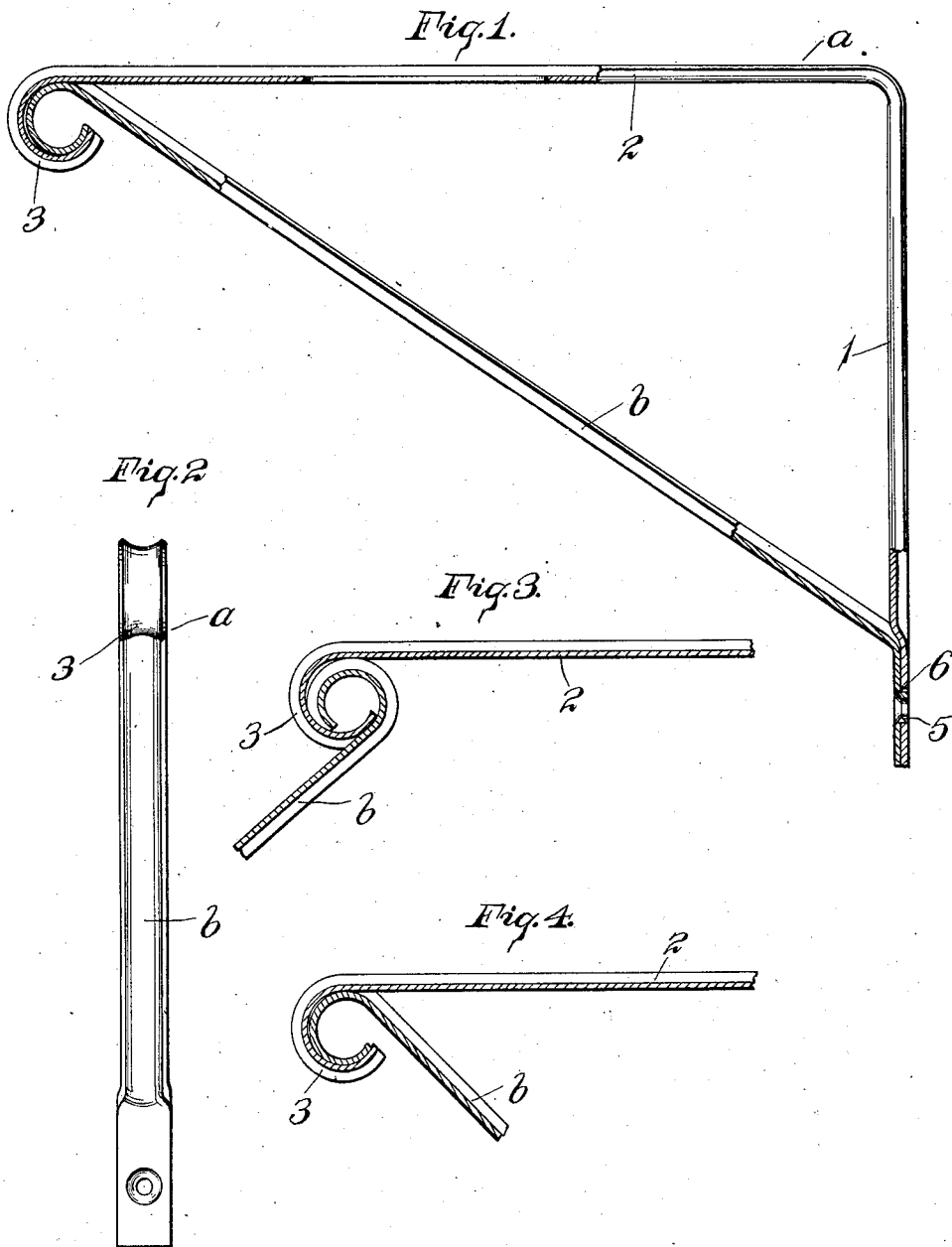
S. W. PARSONS.

BRACKET.

APPLICATION FILED NOV. 7, 1911. RENEWED SEPT. 16, 1912.

1,047,980.

Patented Dec. 24, 1912.



WITNESSES:

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BRACKET.

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To all whom it may concern:

Be it known that I, STUART W. PARSONS, a citizen of the United States, and a resident of New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Brackets, of which the following is a specification.

The object of this invention is to produce a device of the character described having features of novelty and advantage and the invention relates particularly to the manufacture of a bracket, having a removable brace and the novel means for connecting the brace to the bracket.

In the drawings: Figure 1 is a side view of a bracket made in accordance with my invention the parts being shown in section. Fig. 2 is a front view thereof. Fig. 3 is a detail view showing the manner of interlocking the brace with the shelf arm. Fig. 4 is a detail view showing the operation of interlocking the brace and shelf arm.

Referring to the drawings,—*a* denotes the bracket having the wall arm 1 and the shelf arm 2, and *b* denotes the brace. Both the bracket and the brace are made of irregular cross section preferably with a plain corrugation as illustrated. The outer end of the brace interlocks with the outer end of the shelf arm as will be presently described and the inner end of the brace has a projection around the screw hole which engages a recess in the wall arm. The outer end of the shelf arm of the bracket is bent inwardly into hook form as shown at 3 and in cross section is the same as the rest of the bracket. The outer end of the brace is similarly formed and of corresponding cross section. Also it is to be noted that the curve of the outer end of the bracket is a little bit off center with respect to the curve of the outer end of the brace or one of these curves can be slightly flattened.

Fig. 3 illustrates the first operation in assembling the brace with the bracket which consists in locating the hook end of the brace within the hook end of the bracket. The brace is now swung toward the wall arm of the bracket its hooked end sliding around the hooked end of the shelf arm until the projection 5 around the screw hole at the

inner end of the brace snaps into the aperture 6 in the wall arm. During this movement of the brace and owing to the eccentricity of the curves at the outer end of the shelf arm and brace, the brace binds with the effect of firmly securing the parts together at this point so that no looseness or rattle will occur and, of course, owing to the irregular cross section of the parts they are interlocked against sidewise displacement.

I prefer to form the bracket in one piece of sheet metal pressed and bent to shape and it will be noted that the construction herein illustrated and described provides a means for manufacturing a stiff rigid bracket with a separable brace which is securely interlocked therewith against displacement in any direction. The interengagement of the projection 5 with the aperture 6 permits of shipping and handling the bracket as if its two parts were permanently secured together. The inwardly turned ends of the brace and shelf arm provide a hook on which articles can be hung.

I am aware that the device as illustrated and described is susceptible of modification which would come within the spirit of the invention and within the scope of the appended claims.

I claim as my invention:

1. An article of the character described comprising a bracket having wall and shelf arms, the outer end of said shelf arm bent inwardly in the form of a hook, and a brace having its outer end bent into the form of a hook and adapted to interlock with the corresponding part of said shelf arm, the curves of the outer ends of said shelf arm and brace being eccentric with respect to one another for the purposes specified.

2. An article of the character described comprising a bracket having wall and shelf arms, the outer end of said shelf arm bent inwardly in the form of a hub having an irregular cross section, and a brace having its outer end bent into the form of a hook and adapted to interlock with the corresponding part of said shelf arm.

3. An article of the character described comprising a bracket having wall and

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arms, the outer end of said shelf
bent inwardly in the form
having an irregular cross
brace having its outer end bent into the form
of a hook and adapted to interlock with the
corresponding part of said shelf arm, the
curves of the outer ends of said shelf arm

and brace being eccentric with respect to one
another for the purposes specified.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."