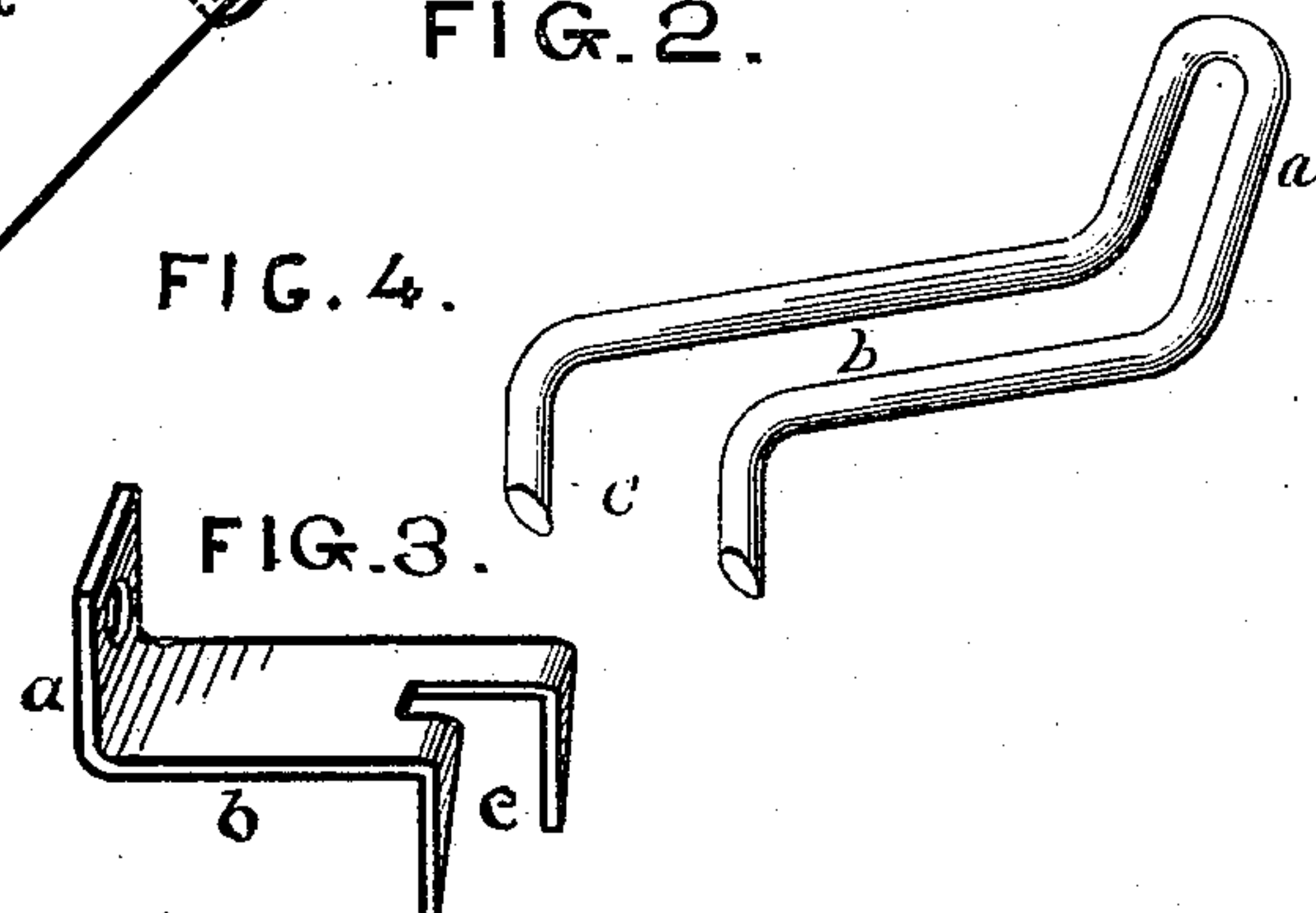
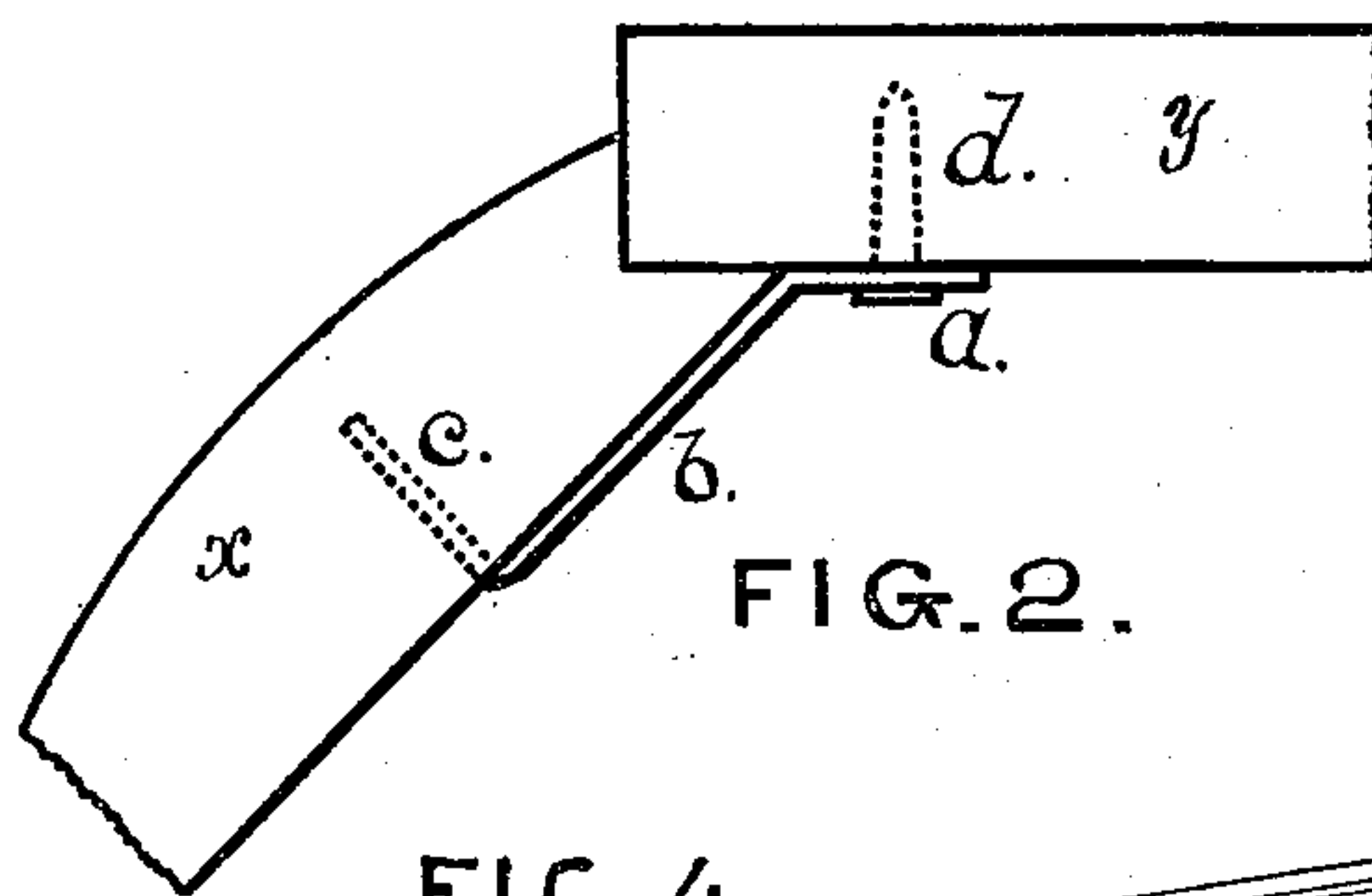
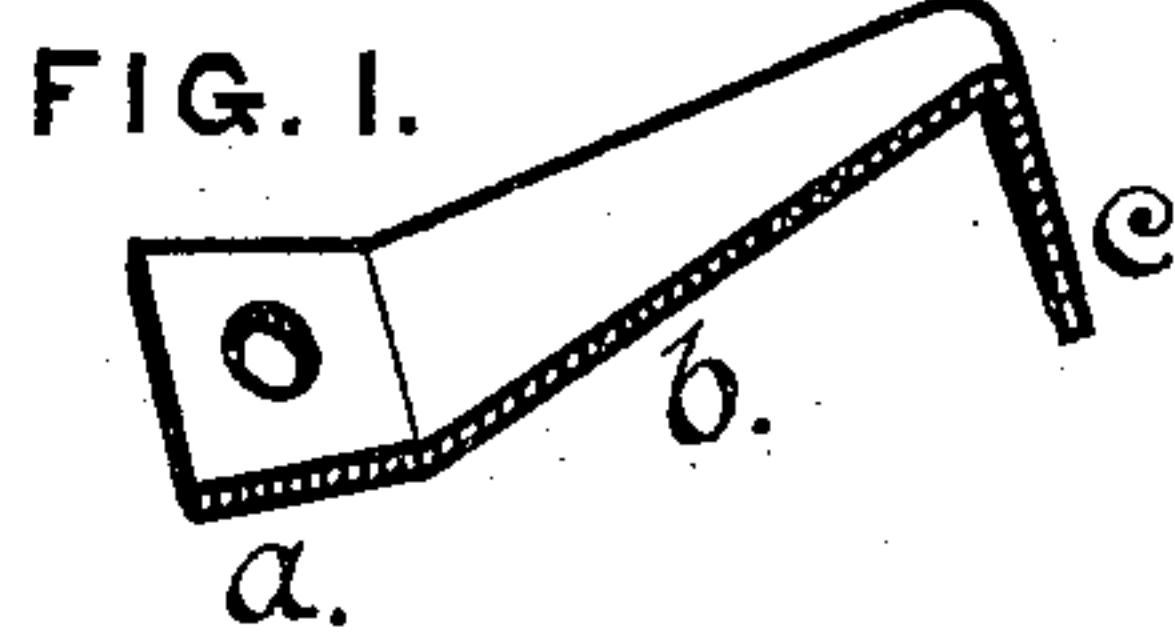


(No Model.)

C. H. OLSON.
JOINT FASTENER.

No. 251,129.

Patented Dec. 20, 1881.



Witnesses

O. Z. Greene
John Alloway

Inventor

Christopher H. Olson.

by Levi P. Graham.
Atty.

UNITED STATES PATENT OFFICE.

CHRISTOPHER H. OLSON, OF DECATUR, ILLINOIS.

JOINT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 251,129, dated December 20, 1881.

Application filed February 17, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER H. OLSON, a resident of the city of Decatur, county of Macon, and State of Illinois, have invented certain
5 new and useful Improvements in Joint-Fasteners, of which the following is a specification, and which has never been patented to me nor to others with my knowledge and consent in any foreign country.

10 The invention relates to a means of fastening the corners of boxes, coffins, &c., which consists, essentially, in combining a suitably bent and perforated strip of sheet metal with the sides or parts of the box or other article,
15 as will be further explained hereinafter.

The accompanying drawings form a part of this specification and illustrate the invention applied.

20 Figure 1 represents a perspective view of the device detached. Fig. 2 is a section or end view of the sides of a box united by means of my device. Figs. 3 and 4 are perspective views of modifications.

25 Similar letters of reference indicate corresponding parts in all the figures.

The strip of sheet metal is originally formed in a blank, which is of triangular form, with very acute angle at the apex, and is bent twice to form the several parts.

30 *a* is the base, *b* the body, and *c* the prong.

The base *a* may be at right angles to the body, as when the box to be joined is rectangular. In the drawings it is represented to be an angle of forty-five degrees. It may be at any angle to suit. It is provided with a hole to receive a screw. The point *c* is bent at right angles to the body *b*. 35

The sides of the box are marked *x y*. The device is applied to the interior angle of these sides by embedding the point *c* in one side and the end *a* is drawn into the other side by means of the screw. 40

In Fig. 3 the device is shown with two points, *c*. In Fig. 4 it is shown as formed of a piece of wire bent to form a slot at *a*, which serves the purpose of the hole shown in the other forms. 45

What I claim is—

The combination, with the two parts to be united, of a sheet-metal strip having one slot- 50 ted end resting on one part and a driven end embedded in the other part, and with a taper fastening embedded in the first part and bearing against the outer end of the slot, as and for the purpose herein described.

CHRISTOPHER H. OLSON.

Attest:

O. Z. GREENE,
J. ALLOWAYS.