(No Model.)

# A. D. HART.

## BUILDING BRACKET.

No. 334,772. Patented Jan. 26, 1886.

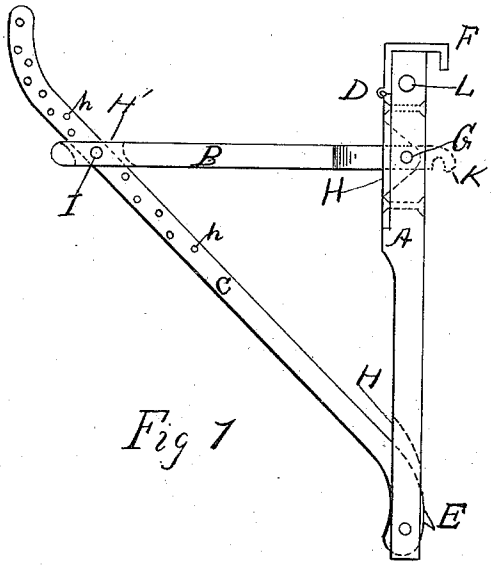


Fig 1

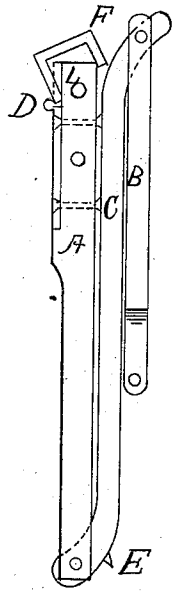


Fig 2

Witnesses
A. B. Galatian
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# UNITED STATES PATENT OFFICE.

AMOS D. HART, OF ELMIRA, NEW YORK.

## BUILDING-BRACKET.

SPECIFICATION forming part of Letters Patent No. 334,772, dated January 26, 1886.

Application filed June 12, 1885. Serial No. 168,493. (No model.)

*To all whom it may concern:*

Be it known that I, AMOS D. HART, of the city of Elmira, in the State of New York, have invented certain new and useful Improvements in Building-Brackets, of which the following is a specification.

My invention relates to portable folding and adjustable brackets for the use of artisans in the construction of buildings, &c.

The object of my invention is to produce an improvement in building-brackets, such as shall be adapted to the varied wants of artisans of the various house-building trades—such as carpenters, masons, roofers, painters, &c.—that shall be at once safe, simple, inexpensive, easily adjustable, and capable of being folded together into a small space for shipment or storage. I accomplish these objects by a mechanism shown in Figures 1 and 2.

Fig. 1 shows the bracket open and ready for use in scaffolding for vertical work, as the sides of buildings, &c. Fig. 2 shows the same folded for storage or shipment.

Similar letters refer to similar parts throughout.

A is a bar having in it slots H H, for receiving the arm B and brace C. B has in it also a slot, H', to receive the brace C. Combined with the bar A is the hook F, having hinge D, which may hook over the round of a ladder, a strip of sheathing, &c. In the brace C are numerous holes, *h h*, for the purpose of adjusting the bracket to inclined surfaces, such as a ladder, &c. The adjustment is made by removing the bolt I, and replacing it in any desired hole that will maintain the bar B to a horizontal position, either on the upper or lower side of ladder or other inclined surface. This arm B is made either wholly of wood or wholly of metal, or of the two combined, as occasion may require.

The hinge D of the hook F is for the purpose of folding more closely for shipment, and also for purposes of adapting the bracket to use in positions where the hook must be dispensed with, in which cases I sometimes connect the bracket with a rope or chain through the hole 4.

The objects of curving the two ends of the brace C are two: first, to secure close folding of arm B and bar A onto brace C, as seen in Fig. 2, for shipment and storage by simply removing the pin G; second, the upper end of C curved and extending above the arm B, as seen in Fig. 1, serves as a guard to prevent the scaffold-plank being pushed off when being put on or used as scaffolding.

A simple inspection of the various features of this bracket will, I think, be sufficient to convince any one of its usefulness and its adaptation to the various uses for which it is intended.

I am aware that others have made portable folding and adjustable brackets for use on roofs, as in case of Fletcher, No. 163,587, May 25, 1875, and of S. F. Black, No. 249,737, November 22, 1881, so that I cannot claim, broadly, a folding and adjustable bracket for this purpose, except so far as it is essentially different in its construction and action from these.

Having thus described it in detail, what I claim as novel and of my own invention is—

1. In a building-bracket having a horizontal bar, B, and bar A and brace C, the combination therewith of a metal hook, F, bolted or otherwise securely fastened to the bar A, as and for the purpose shown and stated.

2. In combination with the bar A and arm B, the brace C, having the ends curved and being perforated with numerous holes at and near the top end thereof, as stated.

3. In a building-bracket, the combination, with the arm B, of brace C, bar A, and hook F, having the hinge D, as and for the purposes stated.

AMOS D. HART.

Witnesses:
J. Q. INGHAM,
A. B. GALATIAN.