

(No Model.)

A. D. HART.
SCAFFOLD BRACKET.

No. 284,845.

Patented Sept. 11, 1883.

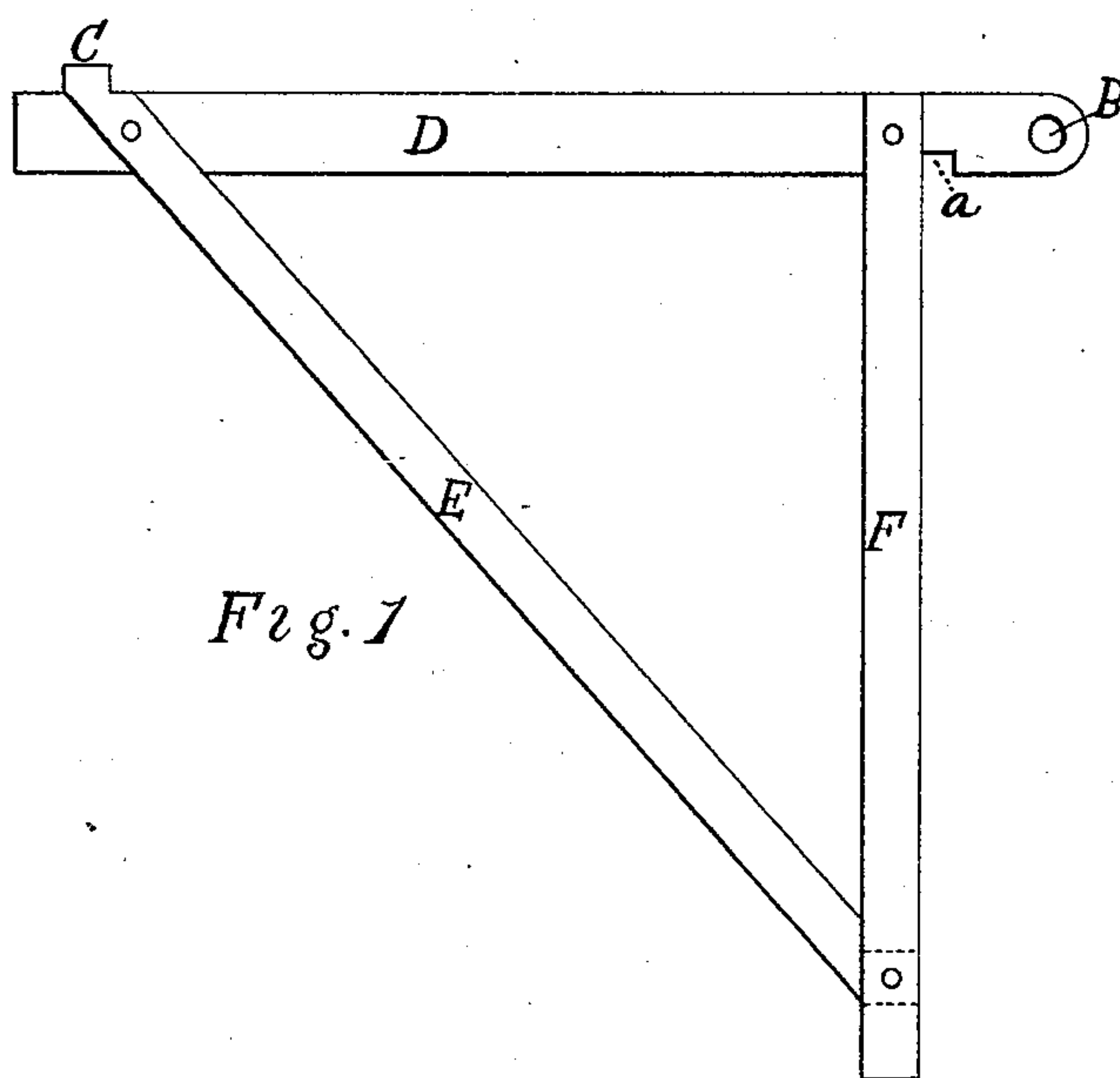


Fig. 1

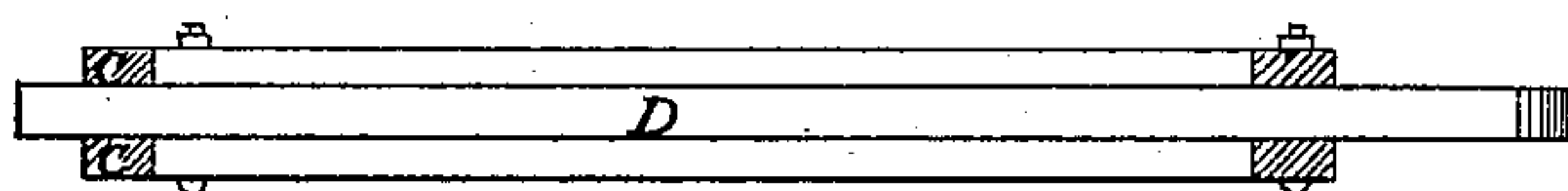


Fig. 2

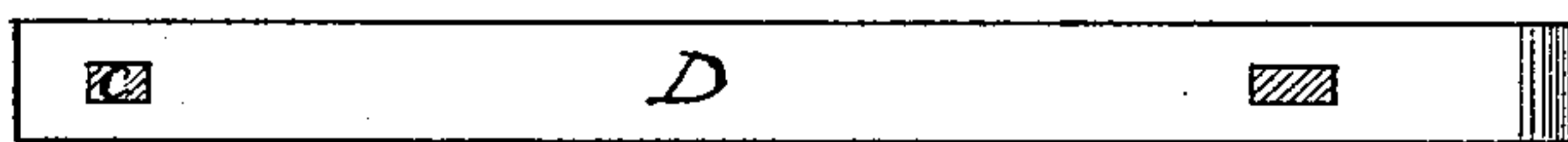


Fig. 3

Witnesses
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SCAFFOLD-BRACKET.

SPECIFICATION forming part of Letters Patent No. 284,845, dated September 11, 1883.

Application filed August 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, AMOS D. HART, a citizen of the United States, residing at Elmira, in the county of Chemung, State of New York, have invented a new and useful Scaffold-Bracket, of which the following is a specification.

My invention relates to improvements in brackets for the support of mechanics' scaffolds; and the objects of my improvements are, first, to provide a cheap and strong, durable, and easily-adjusted, safe scaffold-support, dispensing with standards resting on the ground or floor below, which standards are always in the way, besides being expensive and liable to be interfered with and weakened in various ways, and rendered unsafe; second, to provide a scaffold-support that may be easily shipped from one point to another, and that may be used either on the inside or outside of any unfinished building, or even on various parts of finished ones—as, for instance, at the windows and doors.

Some of the advantages of this bracket are apparent from what has been said; but there are others: First, it is vastly cheaper than others, both in quantity of material used and labor required in erecting scaffolds; second, it is safer than others, as it is not liable to accident at the ground and cannot be blown down. It can be made much stronger than temporary supports are, and can be easily made. Once made, it may be made sightly by painting, as well as always ready. A builder, once provided with a set of these brackets, and with a set of suitable planks to use upon them, need never afterward figure scaffolding into his bill of quantities, and need never have an accident from falling scaffolds. I attain these advantages by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the completed bracket. Fig. 2 is a plan of the horizontal bar, showing how the brace and vertical piece lock onto it. Fig. 3 shows another form of the same thing.

Similar letters refer to the same parts throughout the several views.

The bracket consists of a horizontal bar, D, vertical bar F, and brace E. These may be put together with bolts, screws, pins or nails, with or without mortises and tenons, as may be desired. A portion (or portions) of the brace E extends above the bar D, forming the guard C, which holds the plank from being crowded too far out. The notch *a* is a simple gain cut across the bar D to hook onto the sheathing or any board, timber, or bar that may be attached to the outer or inner part of the studs or wall, or that may be inserted between the outer and inner side of the wall. There may be one or more of these notches, and they may be of any desired size; may be placed close to the vertical piece F, or away from it, as required. There is a hole, B, near the end of the horizontal bar D, through which a pin or bar may be thrust to catch onto any upright stud, jamb, or post to be used where extra strength is required, and where the notches would not be available. In other situations a rope, wire, or iron rod may be attached to the rod D through this hole, and so the bar is practically lengthened, so as to attach to any permanent object near or far in the building, across it or beyond it, as the case may require.

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

In a scaffold-bracket, the combination of the horizontal bar, the inner end of which is provided with the perforation B and gain *a*, the vertical bar, and the diagonal brace, the upper end of the same being extended above the plane of the horizontal bar to form a stop for the platform-boards, all substantially as shown, and for the purposes specified.

AMOS D. HART.

Witnesses:

L. P. INGHAM,
A. B. GALATIAN.