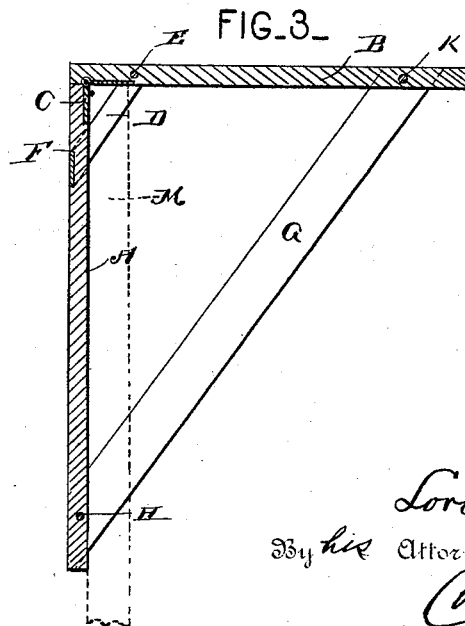
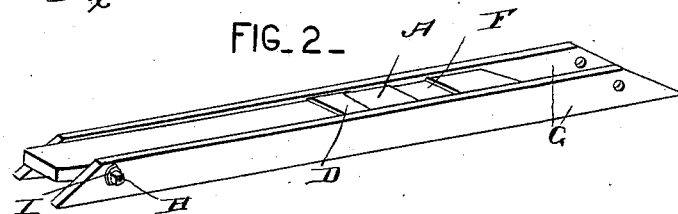
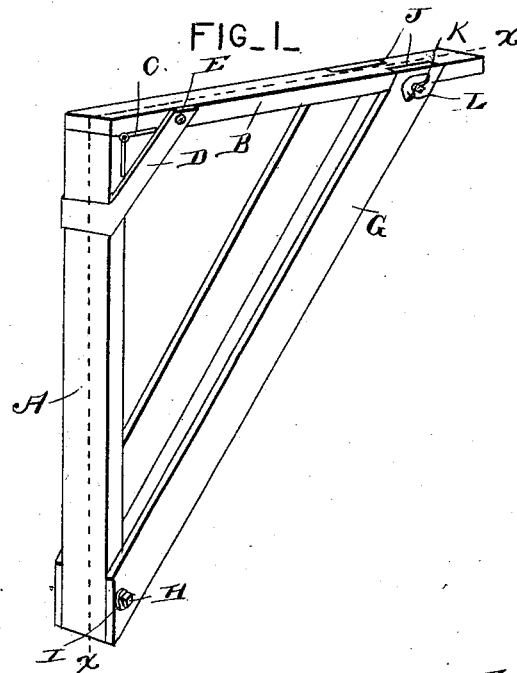


(No Model.)

L. C. SPRINGER.
SCAFFOLD BRACKET.

No. 347,659.

Patented Aug. 17, 1886.



Witnesses

Wm. T. Sill
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UNITED STATES PATENT OFFICE.

LORIN C. SPRINGER, OF DARLINGTON, INDIAN TERRITORY.

SCAFFOLD-BRACKET.

SPECIFICATION forming part of Letters Patent No. 347,659, dated August 17, 1886.

Application filed May 11, 1886. Serial No. 201,832. (No model.)

To all whom it may concern:

Be it known that I, LORIN C. SPRINGER, a citizen of the United States, residing at Darlington, in the county of Upper Arkansas, Indian Territory, have invented new and useful Improvements in Scaffold-Brackets, of which the following is a specification.

My invention consists in a folding bracket-scaffold which is simple in construction, very durable, and exceedingly convenient to handle, as it may be readily folded, so as to occupy but a small space while being carried from place to place, all as will be hereinafter fully described and claimed.

Referring to the accompanying drawings, Figure 1 is a perspective view of my folding bracket-scaffold, showing the same open in its operative position. Fig. 2 is a perspective view showing the same folded for transportation, and Fig. 3 is a sectional view taken on line *x x*, Fig. 1 of the drawings.

The same letters of reference indicate corresponding parts in all the figures.

Referring to the several parts by letter, A indicates the vertical piece or upright of the bracket, and B indicates the horizontal piece, the inner end of the horizontal piece B being hinged to the upper end of the perpendicular piece by means of a strap-hinge, C, which is embedded in the faces of the pieces to which it is secured, as clearly shown in Fig. 3 of the drawings, so as to lie perfectly flush with the said faces and not interfere with the folding of the bracket. These pieces are hinged together, as shown, so that the rear end of the horizontal piece B extends over the upper end of the vertical piece A, thereby relieving the hinge of any weight or strain.

D indicates a metal stirrup, the ends of which are pivotally secured to the horizontal piece B by a transverse pivot-bolt, E, on which the stirrup turns, and the central part of the stirrup which passes around the upper part of the vertical piece A fits, when in operative position, in a recess, F, in the outer face of the vertical piece A, so as to lie perfectly flush with the said face, as shown in the sectional view, Fig. 3.

G G indicate the inclined braces, the lower ends of which are pivotally secured to the lower portion of the vertical piece A by means of a pivot-bolt, H, having at each end the

washers I I, so as to permit of the said braces turning freely on the said bolt in folding them into the position shown in Fig. 2, and the upper ends of the braces fit in recesses J J in each side of the horizontal piece B, near the outer end thereof, and are held in position, removably, by means of a bolt, K, passing through the said ends, and the horizontal piece having on one end a head and having its other end screw-threaded to receive a thumb-nut, L, by tightening which the upper ends of the braces are firmly secured in their operative positions.

The metal stirrup D serves to relieve the hinge of any strain in opening the hinged parts, or to prevent them from being opened too far, and also forms a socket for the upper end of the pole or brace M, (shown in dotted lines in Fig. 3,) the lower end of which rests on the ground.

When it is desired to fold the bracket in order to conveniently carry it from place to place, the thumb-nut L is removed from the end of the bolt K, and the said bolt removed, when the braces G are turned up on each side of the vertical piece A, and the bolt may be again inserted through their ends and held by the thumb-nut, so as to hold the braces in their folded positions, after which the horizontal piece B is turned down against the piece A, and the central part of the stirrup pushed down on the vertical piece A, all as shown in Fig. 2 of the drawings, thereby folding the bracket into a small bundle, in which form it may be most conveniently carried by one man from place to place, without any of the trouble and annoyance which are caused by handling a bracket which cannot be folded.

From the foregoing description, taken in connection with the accompanying drawings, the construction and advantages of my improved folding bracket-scaffold will be readily understood.

It will be seen that my invention is simple and strong in construction, and can be manufactured at a small cost, while it is also very convenient to use and handle. The bracket is also very light in construction and folds together very compactly, so that it occupies a very small space, and it can thereby be very easily and conveniently carried.

Having thus described my invention, what

I claim, and desire to secure by Letters Patent of the United States, is—

1. In a scaffold-bracket, the combination of
5 a vertical piece, a horizontal piece hinged at one
end to the upper end of the vertical piece and
overlapping said vertical piece, the inclined
stirrup pivoted at one end to the horizontal
10 piece and carried thereby, and bearing against
the vertical piece to relieve the hinges of strain,
and the diagonal braces pivoted to the vertical
piece and detachably connected at one end to
the horizontal piece, substantially as described,
for the purpose set forth.

2. The combination of the vertical piece
15 having the recess in its outer side near its upper end, the horizontal piece having the side
recesses near its outer end, and hinged near

its inner end to the upper end of the vertical
piece, with its inner end overlapping the said
upper end, the stirrup pivotally secured at its
20 ends to the inner portion of the horizontal
piece, the braces pivotally secured at their
lower ends to the lower end of the upright by
the pivot-bolt, having the washers at each end,
and the bolt having the screw-threaded end 25
and the thumb-nut, substantially as set forth.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature
in presence of two witnesses.

LORIN C. SPRINGER.

Witnesses:

G. D. WILLIAMS,

WM. D. HODGKISS.