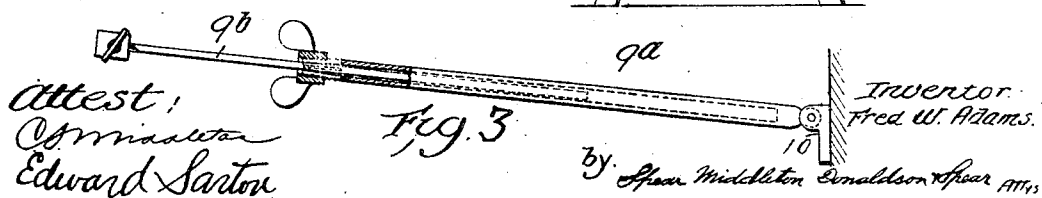
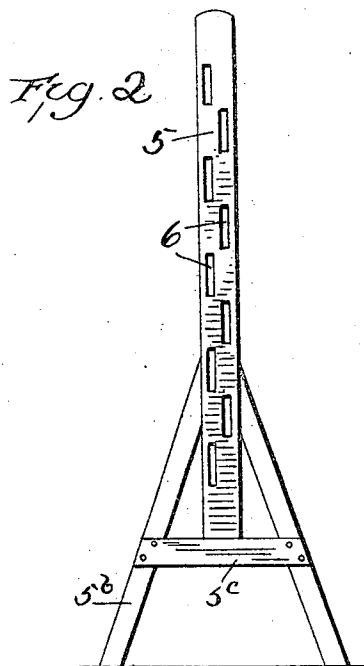
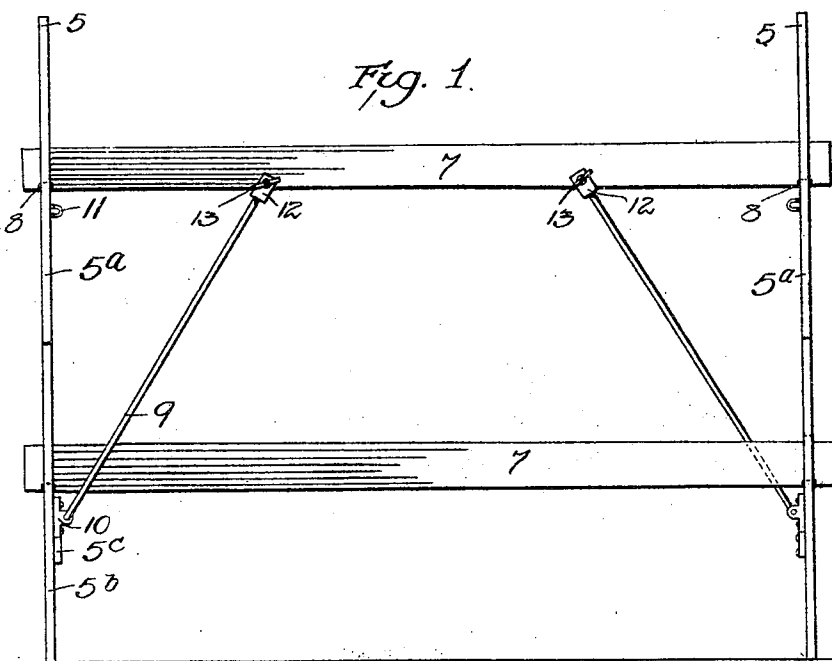


No. 801,431.

PATENTED OCT. 10, 1905.

F. W. ADAMS.
EXTENSION STAGE BRACKET.
APPLICATION FILED MAY 2, 1904.



Attest:
Commissioner
Edward Sartor

Inventor:
Fred W. Adams.
by Spear Middleton Donaldson Spear Attys.

UNITED STATES PATENT OFFICE.

FRED W. ADAMS, OF AUBURN, MAINE.

EXTENSION STAGE-BRACKET.

No. 801,431.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed May 2, 1904. Serial No. 205,945.

To all whom it may concern:

Be it known that I, FRED W. ADAMS, a citizen of the United States, residing at Auburn, Maine, have invented certain new and useful
5 Improvements in Extension Stage-Brackets, of which the following is a specification.

The present invention relates to an improved extension stage-bracket designed for the making of a stage for painters, carpenters, and
10 other workmen to stand upon.

The object of the invention is to provide an extremely simple, economical, and efficient device which may be folded into compact form for transportation and which may be readily
15 assembled and which may be adjusted to support the platform or staging at any desired height or width.

The invention is illustrated in the accompanying drawings, in which—

20 Figure 1 is a side elevation; Fig. 2, a view of the inside of one of the standards. Fig. 3 is a view of a modified form of brace.

In the drawings I have shown only two standards and two connecting-bars; but it
25 will be understood, of course, that in use this structure is duplicated and the platform or staging supported on two or more horizontal bars, according to the amount of platform-space which is necessary.

30 In the drawings the numerals 5 designate standards which are duplicates of each other and which consist of vertical bars or members 5^a, provided with leg portions or feet 5^b, connected by horizontal bars 5^c, to which the
35 lower ends of the bars 5^a are attached. The bars 5^a are provided with a plurality of recesses or mortises 6, which are adapted to receive the ends of the horizontal bar 7, as shown. The under edges of the horizontal bars are
40 notched, as shown at 8, so that when inserted in the mortises 6 and dropped down into engagement with the lower edges thereof they are held against displacement. To each of the
45 bars 5^a, near the lower end thereof, is connected a brace 9 through a bracket 10, which is

secured to the lower portion of the bar 5^a and to which the brace 9 is pivotally attached, so as to be capable of folding flat against the bar when the structure is not in use, in which position it may be held by a catch 11, the op-
50 posite end of which brace is provided with a bifurcated portion 12, the arms of which are adapted to embrace opposite sides of the horizontal bar. A thumb-screw 13 passes through one of the arms of the bifurcated portion,
55 whereby it may be clamped securely to the horizontal bar. When the parts are thus assembled, it will be seen that a very rigid bracket is provided for a platform which may be readily knocked down and one also in which
60 the height at which the platform is supported may be very readily changed according to requirements.

I form the mortises in the standards in zig-zag form, as shown in Fig. 2, whereby a greater
65 variety of adjustment as to elevation may be secured. I may also form the braces extensible, as shown in Fig. 3, in which each brace comprises two members 9^a and 9^b, the latter telescoping within the former. The tubular por-
70 tion 9^a is split at the ends, as shown, and screw-threaded to engage a thumb-nut having a tapered interior thread, so that by screwing or unscrewing this thumb-nut the telescoping
75 portion may be clamped or released, as desired.

Having thus described my invention, what I claim is—

In combination, a pair of standards having a plurality of staggered mortises, a horizontal bar, adapted to be seated in said mortises
80 and folding braces connected to the standards and detachably engaging the horizontal bar, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

FRED W. ADAMS.

Witnesses:

E. PEARL FROST,
ARISTA WEBBER.