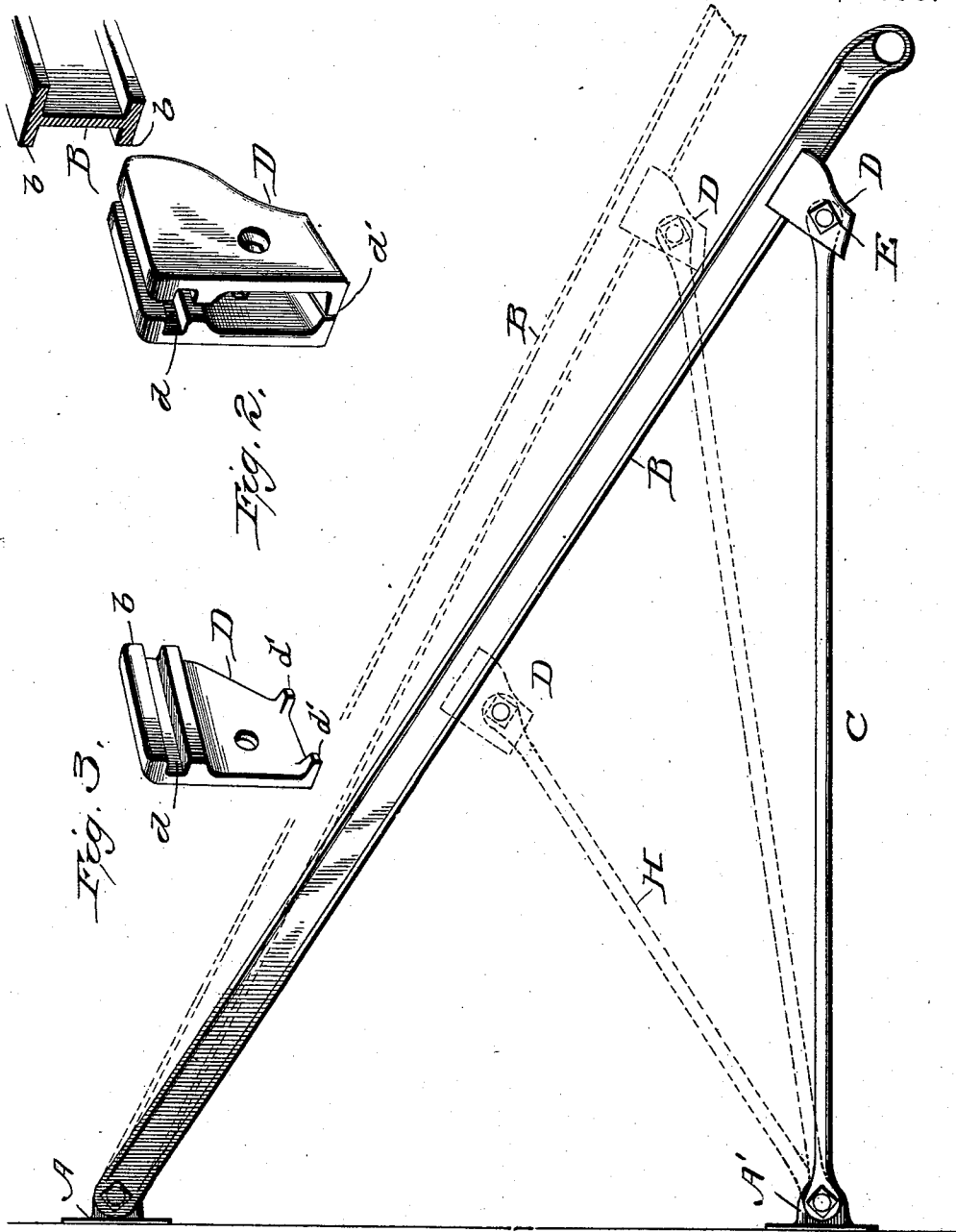


(No Model.)

J. MOREIN.
AWNING FRAME.

No. 570,877.

Patented Nov. 3, 1896.



Witnesses
John H. Spudis
Philip C. Mass.

Fig. 1.

Inventor
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UNITED STATES PATENT OFFICE.

JULES MOREIN, OF NORFOLK, VIRGINIA.

AWNING-FRAME.

SPECIFICATION forming part of Letters Patent No. 570,877, dated November 3, 1896.

Application filed August 1, 1896. Serial No. 601,343. (No model.)

To all whom it may concern:

Be it known that I, JULES MOREIN, a citizen of the United States, and a resident of Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Awning-Frames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is an end view showing an awning-frame embodying the invention. Fig. 2 is a perspective view of the combined clamp and of the bar B detached from said clamp and slide. Fig. 3 is a perspective view of one section of a second form of the clamp and slide.

This invention is designed to provide an awning-frame having means of improved character whereby it may at any time be easily and quickly adjusted to any desired pitch, which will be strong and capable of supporting the weight or strain to which said frames are subject at times, which can be readily set up or taken down and moved to some other place, and which will be comparatively inexpensive.

With these objects in view the invention consists in the novel construction and combination of parts, all as hereinafter described, and pointed out in the appended claims.

Referring to the accompanying drawings, the letters A A' designate a pair of supporting-brackets of suitable character, which are designed to be rigidly affixed to the wall of the building from which the awning is supported.

B designates the inclined end supporting-bar, whose upper end portion is hinged or pivoted to the upper bracket A. This bar is of angular or T form, as best shown in Fig. 2; that is to say, it has an intermediate web portion formed with laterally-projecting flanges or ribs *b* at both upper and lower edges, those at the upper edge having, preferably, a somewhat greater extension than those at the lower edge.

C designates a brace-rod whose inner end portion is hinged or pivoted to the lower

bracket A' and whose outer end portion is pivoted in a combined clamp and slide D, which engages the bar B. Said clamp is formed in two corresponding sections united by a bolt and nut E, each section having at its upper portion an inwardly-extending grooved lip or flange *d*, which engages one of the lower flanges *b* of said bar in the manner clearly shown in Fig. 1. The lower edge portion of each section also has an inward flange *d'*, which flanges mutually abut each other to maintain the two sections in proper separation from each other.

It will be apparent that by means of the bolt and nut E the two sections can be rigidly clamped to each other and also in engagement with the said bar, and that by slacking the nut the slide can be readily moved up or down on the bar B, thereby adjusting the latter to any desired pitch. The said bolt also forms the pivot for the brace C. This facility of adjustment is of considerable importance, inasmuch as the possessor of an awning is often desirous of having the pitch changed to either raise or lower the lower portion of the awning. With the above construction this can be readily done without the aid of a blacksmith. The construction also greatly facilitates the placing of the frame in the first instance. It will be understood that in this operation as many of these frames are affixed to the building as may be necessary and that it is requisite that the bars B shall have the same degree of pitch. This can be readily obtained by a proper adjustment of the slides. The frame may also be quickly taken down when it is desired to move to another building.

For metal awnings or other awnings of unusual weight it is desirable to employ an additional brace, such as indicated at H in dotted lines, Fig. 1. The inner end of this brace may be connected to the bracket A' and its upper end to a second clamp and slide, which is the same as that above described, except that the lower flanges *d'* are cut away to admit the end of the brace, as indicated in Fig. 3.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In an awning-frame, the combination with the upper and lower supporting or wall brackets, of the flanged bar B hinged or piv-

oted to the upper of said brackets, a brace C
pivoted to the lower of said brackets, and a
combined clamp and slide to which the oppo-
site end of said brace is pivoted, said clamp
5 and slide having lips or flanges which engage
the flanges of the bar B, together with means
for securing said slide in any desired adjust-
ment, substantially as specified.

2. In an awning-frame, the combination
10 with the hinged or pivoted bar B, having lat-
erally-projecting flanges, of the two-part
clamp and slide having grooved lips or flanges
which embrace the said flanges of the bar B,
and are arranged to slide thereon, a clamp-
15 ing-bolt therefor, and a brace pivoted to said
slide substantially as specified.

3. In an awning-frame, the combination

with upper and lower supporting and wall
brackets A, A', of the bar B whose upper end
is hinged or pivoted to the bracket A, and 20
which is formed with lateral ribs or flanges,
the two clamps having a sliding engagement
with the ribs or flanges of said bar, and the
two braces C and H whose inner ends are piv-
oted to the bracket A' and their outer ends to 25
the respective clamps, substantially as speci-
fied.

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

JULES MOREIN.

Witnesses:

GEORGE H. PARMELEE,
JESSIE L. LEDDON.