To all whom it may concern:

Be it known that L. ALLINGTON H. KRAMER, a citizen of the United States, residing at Aurora, in the county of Adams and State of Colorado, have invented new and useful Improvements in Adjustable and Collapsible Trellises, of which the following is a specification.

This invention relates to trellises for use by carpenters and other mechanics, and the object of the invention is to provide a device of this character constructed entirely of iron which may be adjusted vertically and longitudinally, which may have its legs spaced at any desired angle, which is effectually supported and which may be collapsed when desired.

With the above and other objects in view, which will present themselves as the description progresses, the invention resides in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawing there has been illustrated a simple and preferred form of the device, but it is to be understood that the structural details therein illustrated may be changed or modified without departing from the spirit or sacrificing any of the advantages of the device.

In the drawing, Figure 1 is a perspective view of a trestle constructed in accordance with my invention. Fig. 2 is a transverse sectional view taken upon the line 2-2 of Fig. 1.

In the accompanying drawing the numeral 5 designates the top of the trestle. This top 5 is constructed of a pair of longitudinally extending angle bars 2 and 3, one positioned upon the top and overlapping the other. The vertical sides of the L-shaped bars 2 and 3 are provided with a plurality of alining openings 4 and 5. The bars 2 and 3 are slidably upon each other and are adapted to be retained in engaged or adjusted position through the medium of suitable headed bolts 6 adapted for the reception of winged nuts 7. Each of the L-shaped bars 2 and 3 are provided with removable legs 9 and 10. The leg members 9 and 10 positioned upon each end of the top 5 are identical in construction and comprise U-shaped sections 11 and 12 having their sides provided with a plurality of alining perforations 13. The member 11 is adapted to be fitted within the member 12 and to be secured in adjusted position therein through the medium of headed bolts 14 having their threaded extremities engaged by winged nuts 15, as clearly illustrated in Fig. 1 of the drawing. The member 14 which is so adapted to be secured upon the outer vertical face of the angle irons has its sides cut away a suitable distance from its lower extremity, and the body portion below this cut away portion is bent to provide the curved feet 16.

The opposite members 12, connected with the feet just described, are of a preferably similar construction, and the member 11 is also of a similar construction except that its upper cut away body portion is bent approximately semi-cylindrically so that this extension of the device rests against both the inner vertical wall and the lower face of the angle iron to which it is attached. This semi-cylindrical portion 18 is provided with an aperture 19 which is adapted for the reception of a preferably round headed bolt 20. The bolt 20 is adapted to extend through one of the perforations provided upon the end of the vertical wall of the L-shaped members and to project through the opening 16 provided by the arcuate shaped extension of the member 11. By this arrangement it will be noted that the leg sections 9 may be adjusted toward or from each other as desired, a winged securing element 21 being adapted for engagement with the headed bolt 20 so as to effectively secure the parts together. In order to retain the leg sections in their proper spread position a bar 22 having its ends provided with right angular offsets 23 is positioned within parallel openings 13 of the leg sections, thus preventing the spreading of the same.

In order to prevent the longitudinal movement of the leg sections 9 there is provided a pair of tie rods 24. These tie rods have one of their ends offset as indicated by the numeral 25 and is adapted for engagement with the openings 4 and 5 provided by the members 2 and 3, while the opposite end of the rod is provided with a hooked shaped portion 26 which is adapted for en...
2. In a trestle, a top portion comprising a pair of angle members, one positioned upon the other, the vertical walls of the angle members being provided with spaced openings, means engaging the openings to secure the members in longitudinal adjusted position in relation to each other, said angle members having their ends provided with spread leg members, each of said leg members comprising a pair of U-shaped members, one positioned within the other, the sides of the U-shaped members being provided with a plurality of alining openings, the lower leg sections having rounded feet, the upper leg sections having their side walls cut away, the body of the upper section adapted to be positioned upon the outer vertical wall of the angle members being curved and provided with a slot, the opposite upper section having its sides cut away and its extending portion rounded to engage both of the inner sides of the angular member, the extension being provided with an opening adapted to aline with the outer opening provided in the vertical wall of the angular member, a threaded bolt having a rounded head for these openings and adapted to engage the slot provided in the rounded extension of the opposite leg section, a threaded element for this bolt, a rod having turned ends adapted to engage parallel openings of the leg members, and a rod having one of its ends provided with a hook adapted to engage the openings upon the opposite side of the leg member, said rod having its opposite extremity offset and adapted to engage the openings provided upon the vertical walls of the angular members.

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

WITNESSES:

JOHN PLATTNER,

W. W. GRISWOLD.