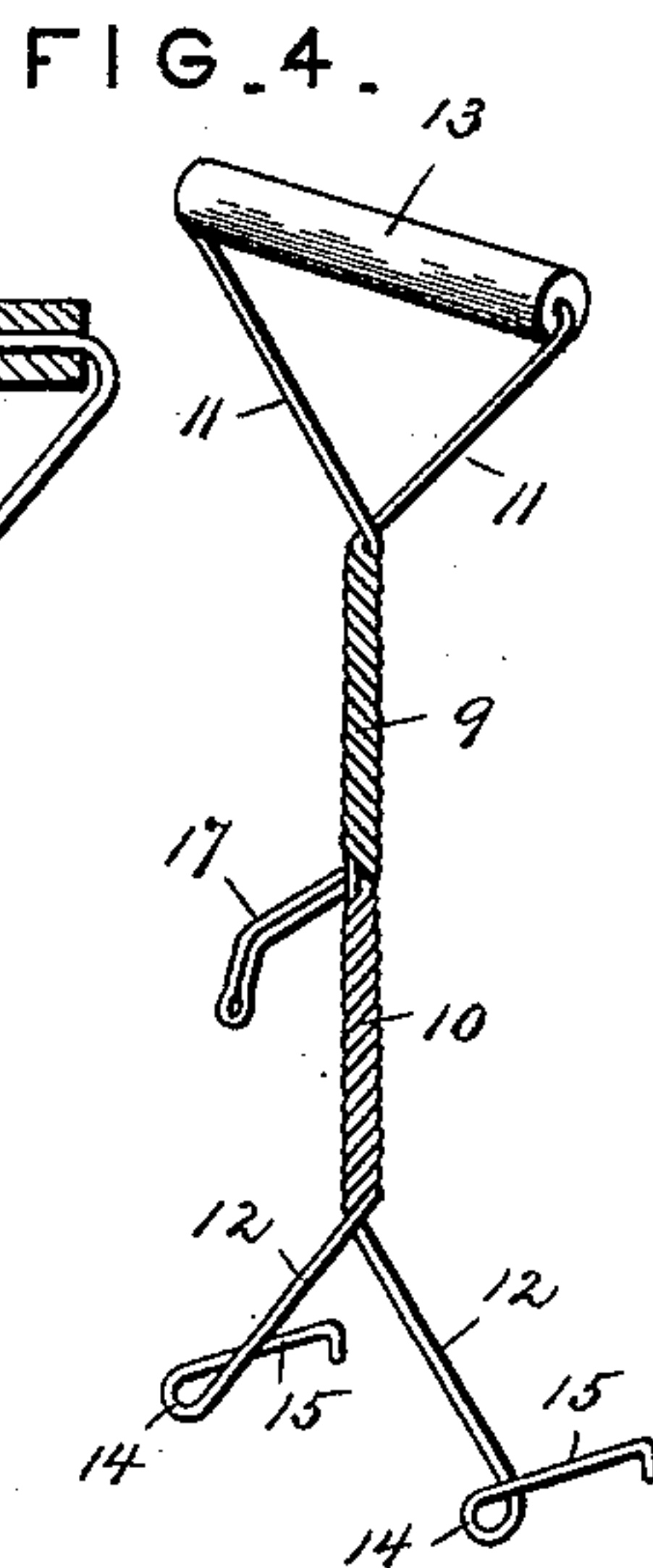
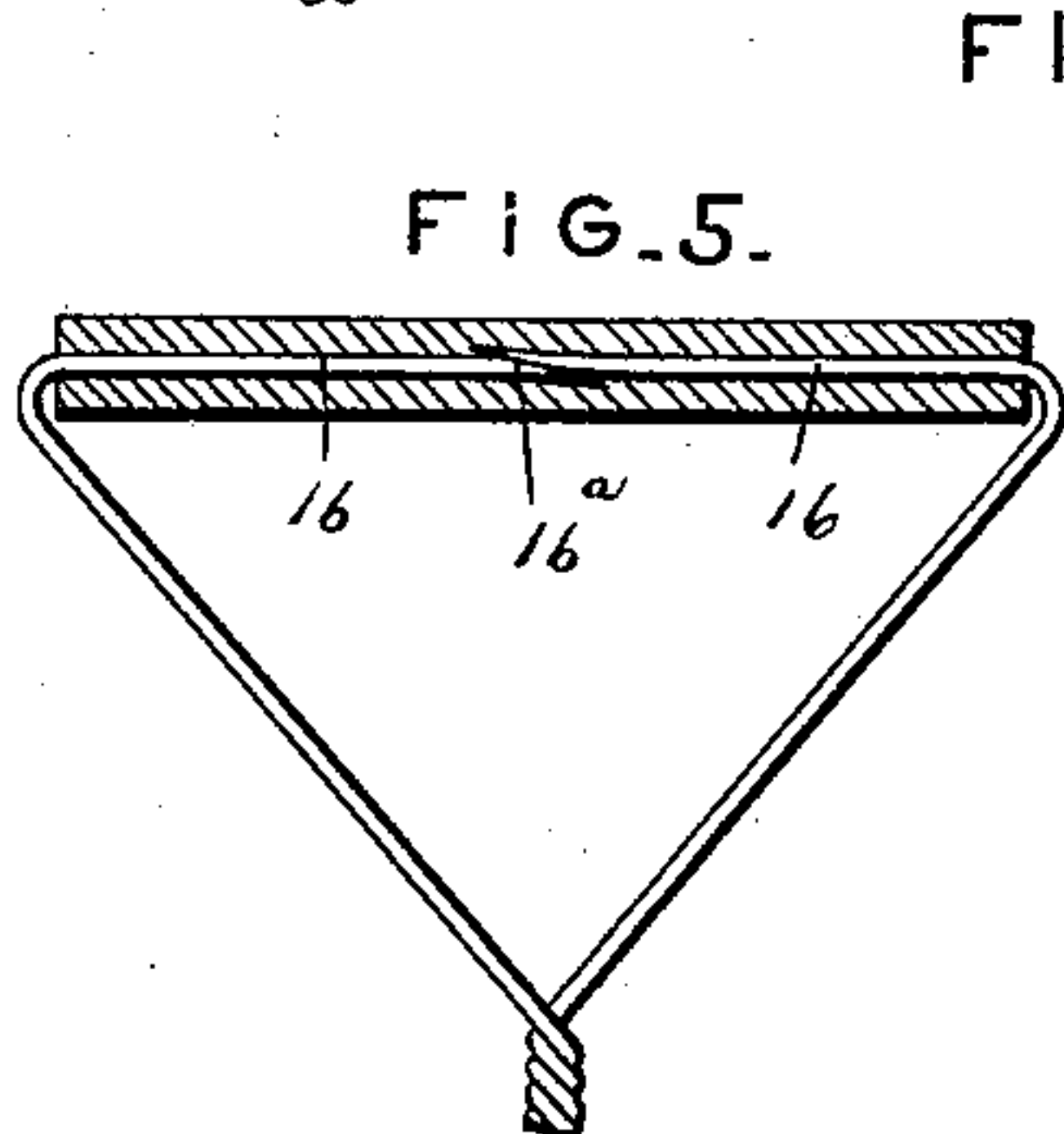
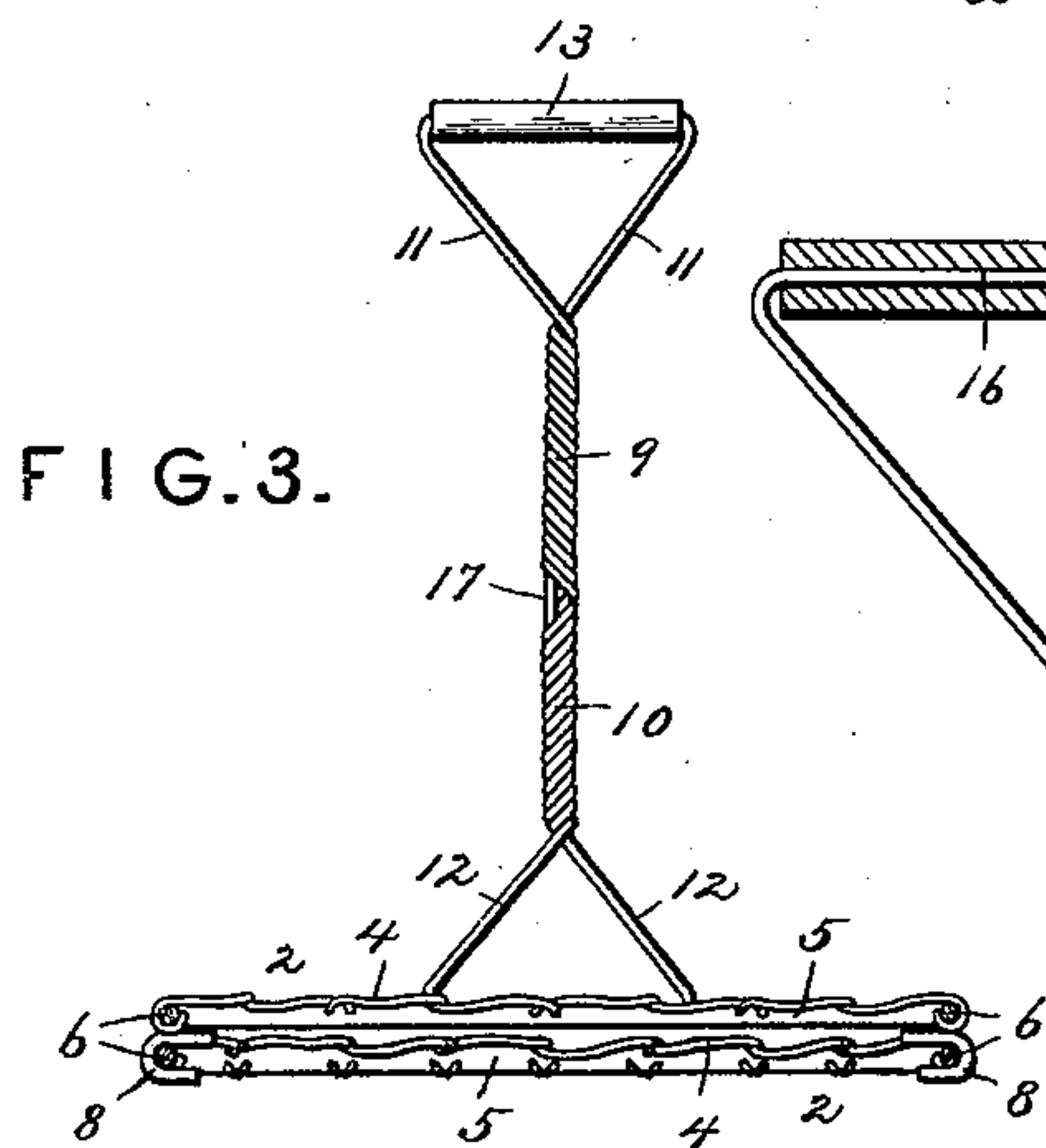
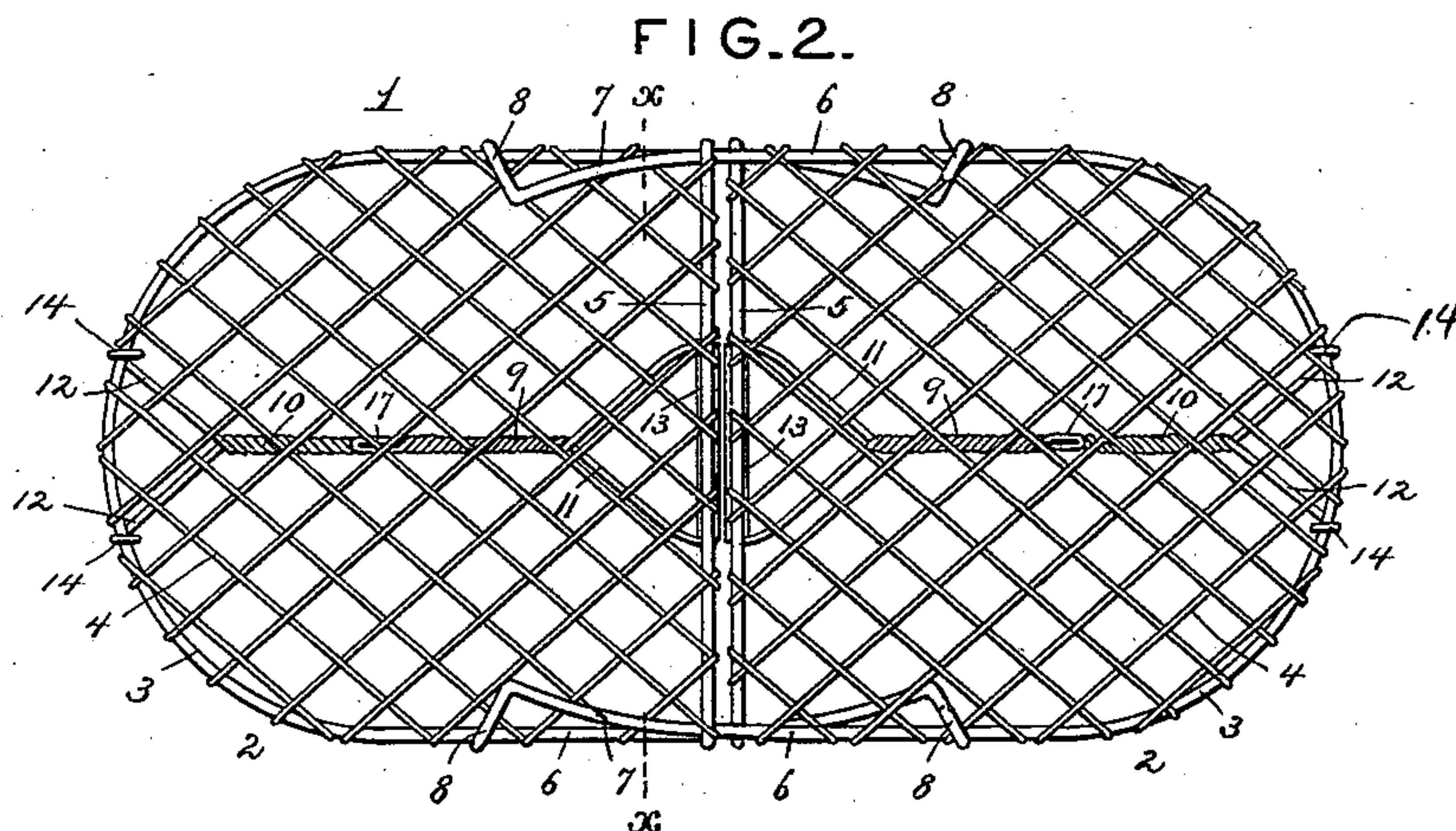
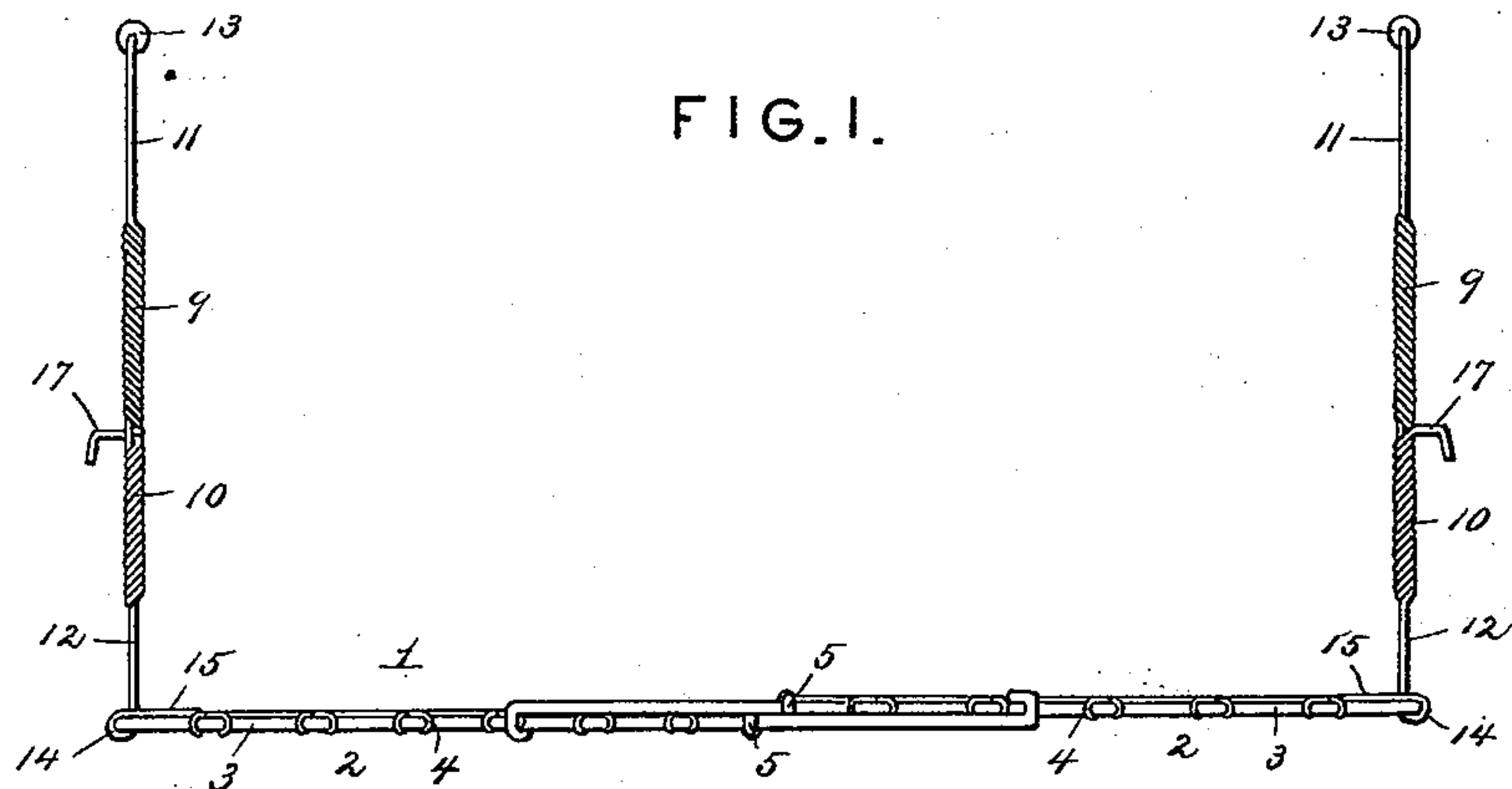


(No Model.)

J. N. MOEHN.
WASHBOILER ATTACHMENT.

No. 560,594.

Patented May 19, 1896.



Witnesses

Harry L. Amer.
J. G. Piley

By his Attorneys.

John N. Moehn.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JOHN N. MOEHN, OF MILWAUKEE, WISCONSIN, ASSIGNOR OF THREE-
FOURTHS TO JACOB KATZ, ADOLPH MAHLER, D. J. HAYES, AND
WILLIAM S. SCOFIELD, OF SAME PLACE.

WASHBOILER ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 560,594, dated May 19, 1896.

Application filed October 10, 1894. Serial No. 525,502. (No model.)

To all whom it may concern:

Be it known that I, JOHN N. MOEHN, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented a new and useful Washboiler Attachment, of which the following is a specification.

My invention relates to an attachment for washboilers adapted as a support or drainer for holding the clothes in an elevated position out of the water to allow them to drain prior to removing them from the boiler, and the object in view is to provide an adjustable device constructed of sections adapted to slide upon each other and so arranged as to be held at the desired adjustment without auxiliary fastening means, and, furthermore, to provide an improved construction of handle having the necessary strength and adapted to be manufactured at a small cost.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a side view of a device embodying my invention. Fig. 2 is a plan view of the same, the handles being shown in the folded position. Fig. 3 is a transverse section on the line xx of Fig. 2. Fig. 4 is a detail view in perspective of one of the handles detached. Fig. 5 is an enlarged detail section of the upper portion of the handle, showing the grip in longitudinal section. Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The support or holder 1 is constructed of adjustable sections 2, mounted to slide upon each other, and thereby provide for longitudinal extension and contraction to suit the size of the boiler in which the attachment is used. Each section is constructed with an open frame comprising a U-shaped rod 3, the arms of which are connected by transverse rods 5, said arms being extended beyond their points of intersection with the transverse rods to form arms or extensions 7, which are curved inward or toward the longitudinal cen-

ter of the support or holder, the arms of each section extending over the space between the sides of the other section. The inwardly-bent arms or extensions 7 terminate in loops or eyes 8, which are disposed approximately at right angles to the contiguous portions of the extensions, said loops being outwardly bent from the arms in order to engage the side edges of the sections and having open inner ends to avoid interference with the mesh-wires 4, which are interwoven within the frames. This arrangement of the loops 8 provides for their movement upon the parallel side edges of the sections around which the extremities of the mesh-wires are coiled, and the elasticity of the arms 7 causes the closed outer ends of the loops to bear against the outer sides of the rods 3, whereby said coiled extremities of the mesh-wires form obstructions or projections to prevent accidental displacement or change of the relative position of the sections of the support or holder.

The handles 9 are pivotally connected to the outer ends of the sections to provide for the folding thereof parallel with the support or holder, said handles being provided with eyes 14, which embrace rods 3 and are extended to form stop-arms 15, which engage the mesh-wires and limit the inward movement of the free ends of the handles to hold them approximately in a vertical position, as shown in Fig. 1. The handles may be folded when the attachment is removed from the boiler by swinging them to the opposite side of the plane of the support or holder. Each handle is constructed of two wires inter-twisted between their extremities to form the shank 10, extended below the lower end of said twisted shank to form the downwardly-divergent arms 12, and extended above the upper end of said shank to form the upwardly-divergent arms 11. The arms 12 terminate in the eyes 14, and the arms 11 terminate in inwardly-bent spurs 16, having beveled extremities 16^a, and the grip 13, which is held in place by said spurs 16, are engaged by said beveled extremities, when the spurs 16 are forced toward each other to deflect said

extremities. Obviously the beveled extremities slide upon each other and cause the points to diverge from the line of the spurs, and thus enter the wood or other material forming the grip. An intermediate part of one of the wires forming the handle is looped and bent downwardly to form a hook 17, adapted to engage the upper edge of a boiler to maintain the support or holder in an elevated position, said hook being arranged at a less distance from the plane of the support or holder than the depth of the boiler, whereby the clothes may be held above the plane of the surface of the water in the boiler and thus allowed to drain prior to removal from the boiler.

From the above description it will be seen that the sections of the support or holder may be adjusted longitudinally to suit the size of the boiler in connection with which it is to be used, and that the sections are held at the desired adjustment by the frictional contact of the loops on the spring side arms of one section with the side edges of the other section. It will be seen, furthermore, that the sliding connection of the sections does not interfere with the network or woven-wire filling in the frames, and hence said filling may be varied to suit the conditions under which it is to be used without varying the construction of the device.

The open inner ends of the loops are formed by leaving an interval between the extremity of the rod forming the loop and the body portion of the loop, the mesh-wires by which the frames of the sections are filled being arranged in a plane between said extremity and body portion of the rod or in the opening formed thereby. Thus, in adjusting the sections of this support or holder, the loops engage and slide upon the side edges of the sections with one side of each loop above and the other below the plane of the network or woven-wire filling.

It will be seen, furthermore, that the handles are simple in construction and have the necessary strength to provide for lifting the clothes from a boiler, and that the same may be manufactured at a small cost, including the attachment to the free ends thereof of the handholds or grips.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the

spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. A clothes support or holder for wash-boilers, comprising relatively adjustable parallel-sided sections, each section having a U-shaped frame of which the parallel sides are connected at intermediate points by a transverse rod, the portions of the sides of the frame beyond said transverse rod forming arms which are free to move in a plane parallel with the frame and which terminate in open-sided outwardly-bent loops extending around the sides of the frame of the other section, the closed ends of said loops bearing against the outer surfaces of the sides of the frames to provide frictional contact for holding the frames at the desired extension, and the sides of the loops being arranged, respectively, upon opposite sides of the plane of the frame whereby filling-wires arranged within the frames lie in a plane occupying a position in the inner open ends of the loops, substantially as specified.

2. A support or holder for washboilers having terminal pivotally-connected handles, each handle being constructed of two wires intertwined at intermediate points to form a shank 10 and extended beyond the extremities of said shank to form upwardly-divergent arms 11 and downwardly-divergent arms 12, the downwardly-divergent arms terminating in bearing-eyes 14 mounted upon the support or holder and the upwardly-divergent arms terminating in transversely-aligned spurs 16 having beveled extremities 16^a, a hook formed at an intermediate point of the shank and constructed of a laterally-bent loop in one of the wires, and a grip having a longitudinal bore for the reception of said transversely-aligned studs, the beveled extremities of the studs being deflected to engage the grip by the sliding contact of the beveled extremities when the studs are inserted into the grip, substantially as specified.

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

JOHN N. MOEHN.

Witnesses:

GEO. DE GRASSE,
HERMAN KATZ.