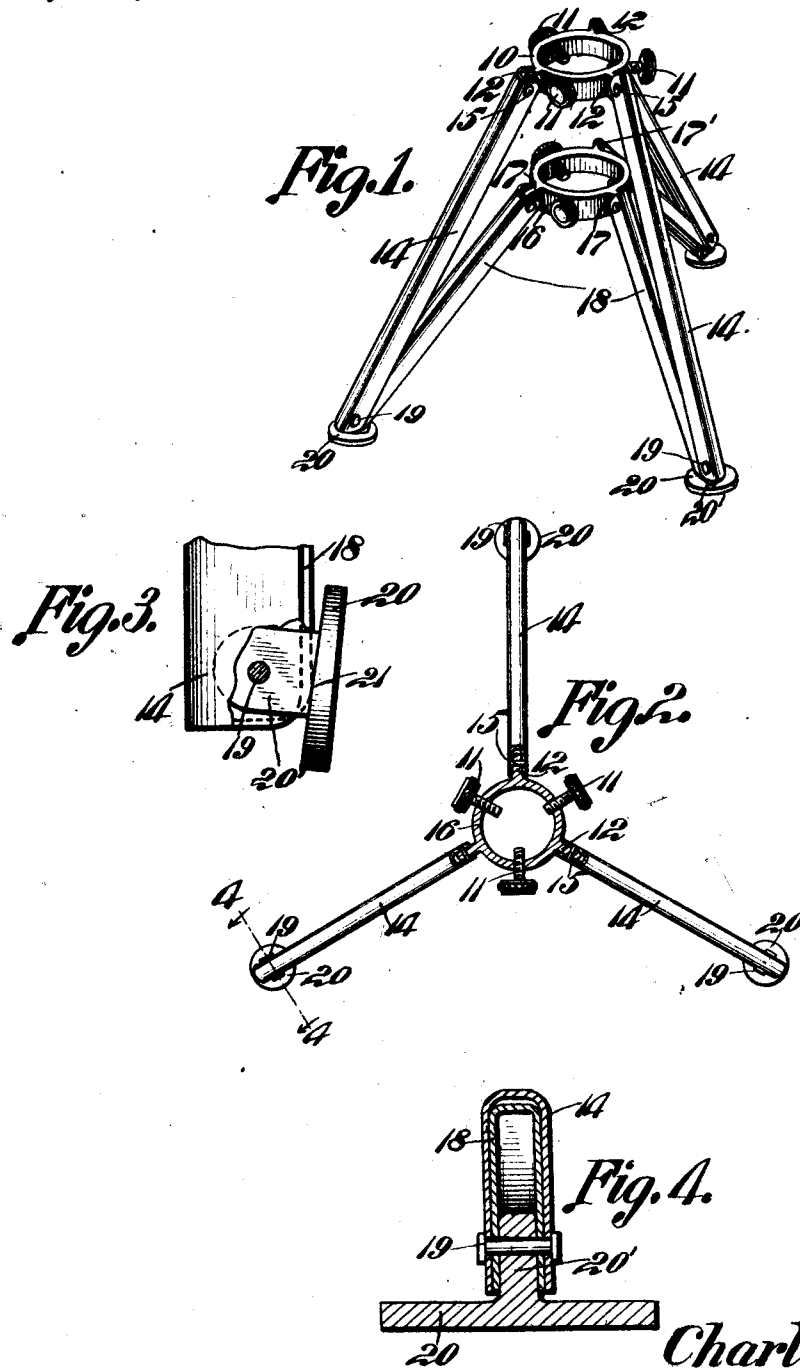


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TRIPOD.
APPLICATION FILED MAR. 28, 1912.

1,064,798.

Patented June 17, 1913.



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES WALTE, OF LOUISVILLE, KENTUCKY.

TRIPOD.

1,064,798.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES WALTE, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Tripod, of which the following is a specification.

This invention relates to tripods for supporting a tree or standard.

The primary object of the present invention is to provide a tripod which may be conveniently closed when not in use, the tripod being provided with feet which form a locking means to retain the sections of the tripod in their folded positions.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings—Figure 1 is a perspective view. Fig. 2 is a section taken through the lower ring. Fig. 3 is an enlarged view showing the foot in its folded position to hold the section against movement, and Fig. 4 is an enlarged sectional view taken on the line 4—4 of Fig. 2.

In the drawings, 10 designates an annular member which is formed with a plurality of screw-threaded openings which receive the retaining screws 11, which contact with the article to be supported. The annular member 10 is provided with a plurality of apertured lugs 12 which pivotally support the legs 14. These legs 14 are substantially U-shaped in cross section, their upper terminals embracing the apertured lugs, pins 15 passing through said terminals and through the apertures in said lugs. It will be noted that while the legs are shown as U-shaped in cross section, any form of leg may be used which will allow the members to fold properly.

The lower ring 16 is provided with a plurality of lugs 17 which pivotally support the short legs 18, the upper and lower annular members serving to properly center the standard, the shorter legs 18 nesting within the legs 14, when the tripod is folded.

With the tripod in its extended position,

the lower legs 18 extend radially from the annular members 16 and the legs 14 which are pivotally connected to the lower legs at an angle of about 45°, the legs thus forming a rigid support for the tree or standard. It will be noted that when the set screws are adjusted to the article that the legs will be held at any desired angle, the fasteners of the set screws of the upper annular member and the lower annular member locking the legs at any desired angle.

Pivotally supported by each of the pins 19 which pass through the outer nested terminals of the legs 14 and 17, is a disk 20, the disk being provided with centrally disposed apertured lugs through which the pin 19 passes, the disk in this manner being readily adjusted, in order that the same may properly support the tripod. The disk 20 is tapered and forms a locking means for the connected terminals of the legs, the pivot 19 being arranged eccentric with respect to the rounded portions of the legs 18 to allow the disk to be swung into binding contact with the curved portions 21 of the connected terminals of the nesting legs. Thus when the legs are nested, the disks may be moved to the position shown in Fig. 3, the movement of the tapered disk, locking the legs 17 within the legs 14, holding the same against displacement, the tripod thus presenting the appearance of being formed of three legs, the shorter legs 17 being completely incased by the longer legs 14.

The many advantages of a construction of this character will be clearly apparent as it will be noted that the tripod may be folded to take up comparatively little space, the annular members holding the nested legs in spaced relation, the disks which serve as the locking disks, being swung on their pivots to lock the nested legs together. When it is desired to extend the tripod, the disks are swung on their pivots which will permit the annular members to be separated thus disposing the legs 17 radially from the lower annular member, and the legs 14 at an angle of about 45° from the upper annular member, the disks being moved on their pivots until the same extend parallel with the arms 17, to properly support the tripod. It will also be noted that a device of this character may be easily and economically manufactured, the various parts being readily assembled.

What is claimed is:—

1. A tripod comprising a plurality of annular members, legs pivotally supported by each of said members, the free terminals of said legs being pivotally connected, one set of legs housing the other set of legs, and means connecting the terminals of said legs for holding the same together.

2. A tripod comprising a plurality of annular members, legs supported by each of said members, the legs supported by one of said members being housed by the legs of the other member when the tripod is folded, the free terminals of said legs being pivotally connected, and means supported adjacent the terminals of said legs for holding the legs in their folded position.

3. A tripod, comprising two sets of legs, the upper terminals of which are connected to a supporting mechanism, and an eccentrically mounted member connecting the lower terminals of the legs, said member being pivotally supported by said legs and dis-

posed to contact with the legs to hold the same together.

4. A tripod comprising a plurality of annular members, legs pivotally supported by each of said members, and disposed in an inner and outer series, said legs being substantially U-shaped in cross section, the legs of the outer series embracing the legs of the inner series when the tripod is in its folded position, the free terminals of the legs being pivotally connected, a disk pivotally supported eccentrically adjacent said connected terminals, said disk being formed with an apertured lug, said lug receiving the securing device which connects the free terminals.

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

CHARLES WALTE.

Witnesses:

C. Y. SANDERSON,
H. C. STRAUS.