

Dec. 23, 1924.

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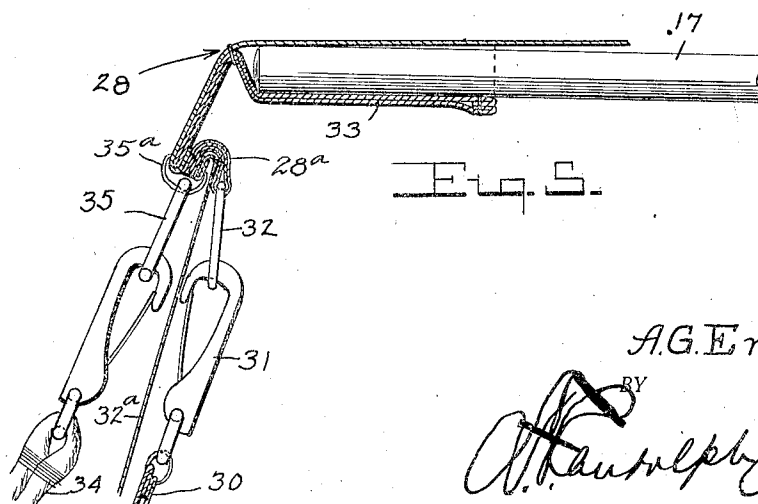
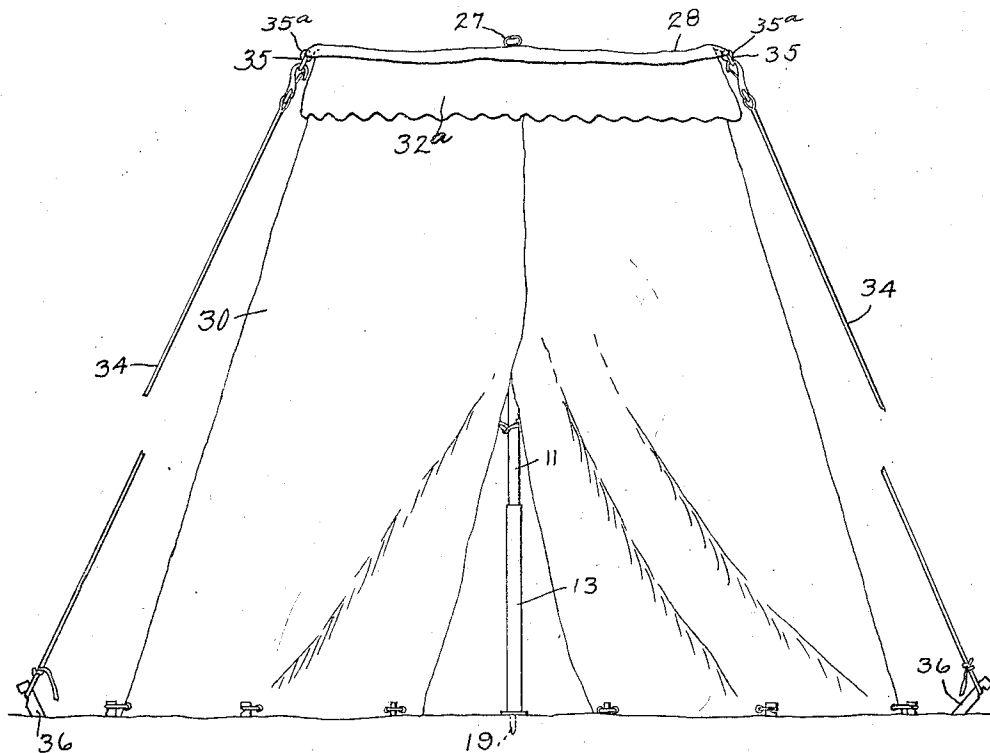
A. G. EMERSON

PORTABLE TENT

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Fig. 1.



INVENTOR.

A. G. Emerson

BY

A. H. Kautz

ATTORNEY.

Dec. 23, 1924.

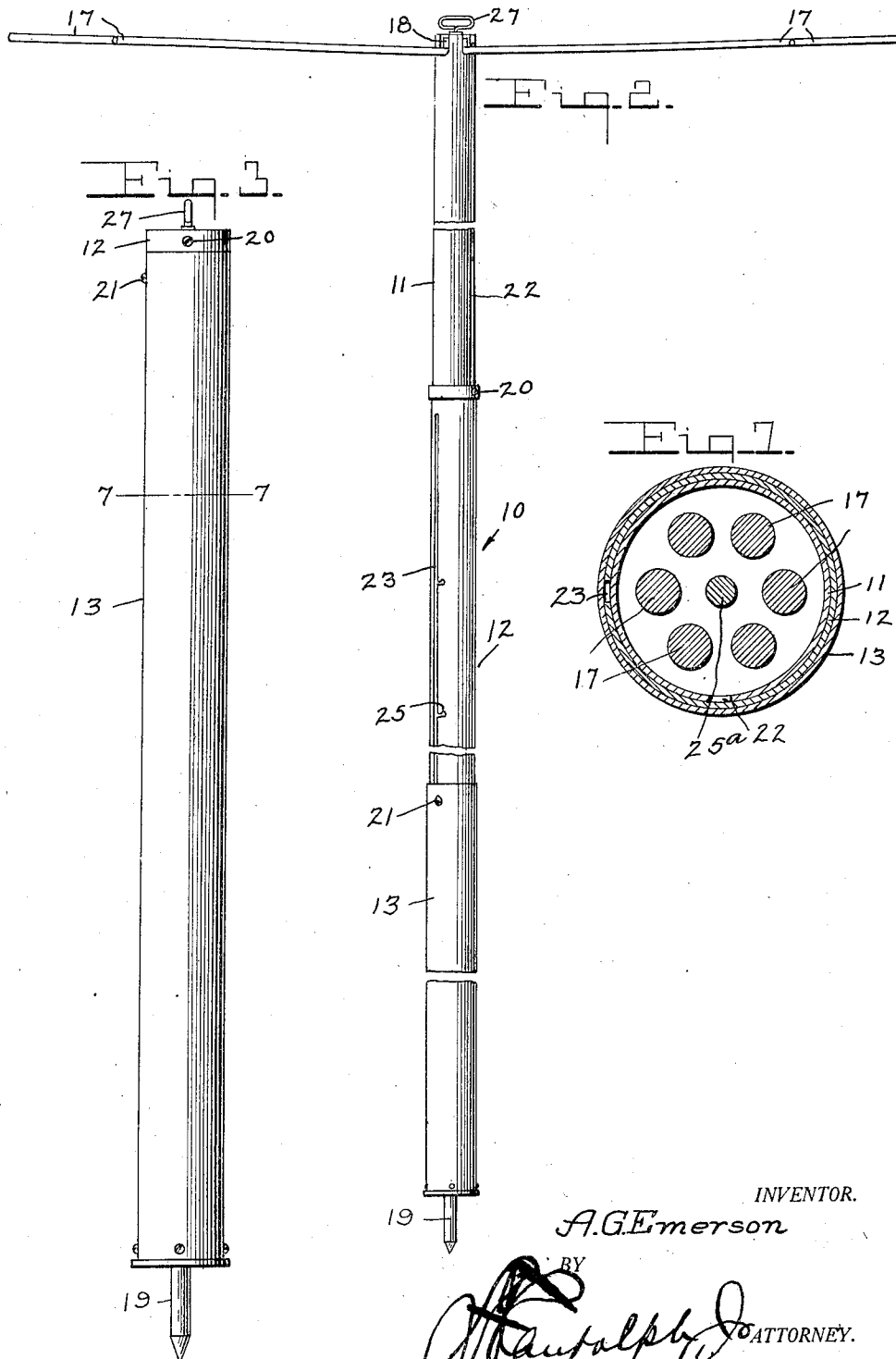
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INVENTOR.

A. G. Emerson

BY

Ralph J. [Signature] ATTORNEY.

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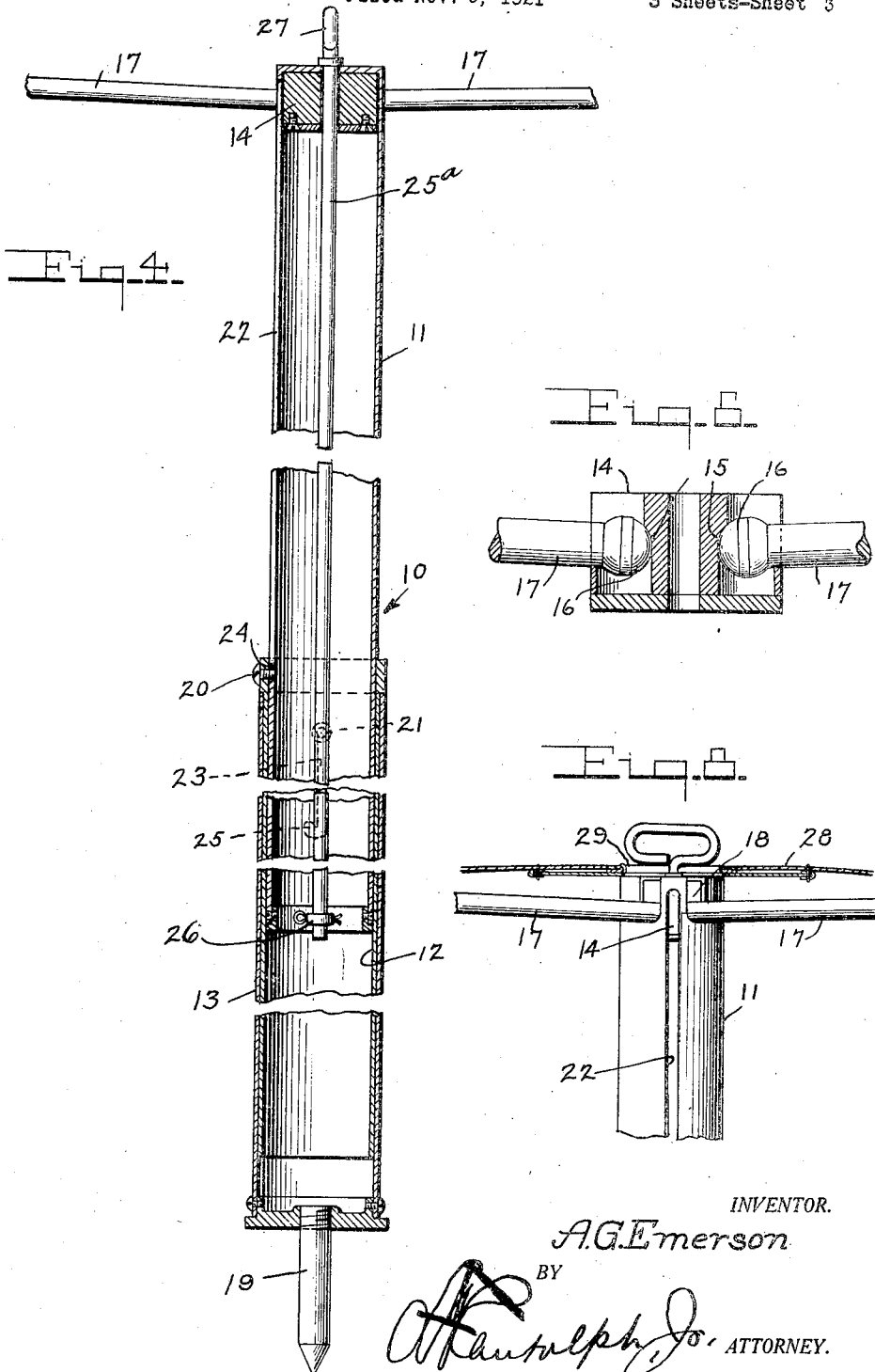
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PORTABLE TENT

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UNITED STATES PATENT OFFICE.

ARTHUR G. EMERSON, OF RIVERBANK, CALIFORNIA.

PORTABLE TENT.

Application filed November 9, 1921. Serial No. 514,011.

To all whom it may concern:

Be it known that I, ARTHUR G. EMERSON, a citizen of the United States, residing at Riverbank, in the county of Stanislaus and State of California, have invented certain new and useful Improvements in Portable Tents; and I do hereby 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.

The object of the invention is to provide a relatively simple and convenient portable tent adapted to be used for example as a tourist's tent or in connection with automobile camping parties and to that end is adapted to be stored in compact form for transportation; and with this object in view the invention consists in a construction and combination of parts of which a preferred embodiment is illustrated in the accompanying drawings, wherein—

Figure 1 is a view of the tent set up,

Figure 2 is a view of the frame in its extended position,

Figure 3 is a view of the same folded,

Figure 4 is a sectional view of the frame partly extended to show the means for locking the sections of the standards in their adjusted positions,

Figure 5 is a sectional view of a portion of the top and frame to show the means for connecting the top to the frame and the side curtains to the top.

Figure 6 is a detail sectional view of the sliding plug or head, illustrating the manner in which the arms are connected thereto.

Figure 7 is a sectional view taken on the plane indicated by the line 7—7 of Figure 3, and

Figure 8 is a detail view illustrating the manner in which the top of the cover of the tent is secured to the standard.

The standard 10 is of telescoping construction consisting in the construction illustrated of the inner, intermediate and outer tubular members 11, 12, and 13, in the former of which is arranged a sliding plug or head 14 having an annular series of seats or bearings 15 for the balls 16 on the inner ends of the arms 17 which are adapted to occupy a radial position when the frame is extended and which lie in notches 18 in the upper end of the inner member of the standard.

The lower end of the outer member is pref-

erably provided with a spike 19 to be driven into the ground, and the intermediate and outer members are provided with inwardly extending guide pins 20 and 21 fitting in longitudinal slots 22 and 23 in the intermediate and inner members and adapted to be engaged with lateral notches 24 and 25 communicating with said slots to hold the intermediate and inner members at the desired extension. A pull rod 25^a is slidably connected with the plug or head through which it extends, the same being provided at its inner end with a stop 26 and at its outer end with a finger hold 27 by which the extension of the standard and folding arms may be effected. Through upward pulling movement of rod 27, stop 26 will engage head 14 so as to slide the same in order to operatively position arms 17. Stop 26 also prevents complete withdrawal of the rod 27 from the standards.

The cover consists of a top 28 which is of gored form having radial seams between the gores or sections and a central opening 29 for the reception of the handle or grip portion of the draw rod, and a side curtain 30 provided at its upper edge with a series of snap hooks 31 for engagement with rings 32 near the periphery of the top,—the latter being provided with a peripheral depending curtain 32^a for preventing rain and wind from entering the joint between the side curtain and the top. Near its periphery the top is provided with radially disposed pockets 33 for the reception of the extremities of the radial arms of the frame, said pockets being closed at their outer ends and the arms being adapted to be inserted thereinto while they are in an upwardly extending position, so that when the arms are dropped to the horizontal or cover supporting position, the top is stretched and held firmly in the proper position. Guy ropes 34 are attachable to rings 35 connected to staples 35^a which secure the top, a marginal section 28 thereof and curtain 32^a together. Ropes 34 are adapted to be secured at their lower ends to suitable pegs 36 driven into the ground in the usual way to properly brace the structure when set up, as shown in Figure 1.

The cover may readily be applied to and removed from the frame and folded into a compact form for transportation and the frame may be folded into the space represented by the outer member of the stand-

ard which may be of a length not exceeding three feet and yet give a length or height to the standard which will afford standing room in the tent when set up. When the device is not in use, the standard is in the folded form of Figure 3 where section 11 is telescoped within section 12 and section 12 is telescoped within section 13 and the arms 17 are disposed within the section 11 as well shown in Figure 7. When the tent is to be assembled, the element 19 is anchored in the ground whereupon the section 12 at its upper end is engaged by the hand and raised. The fastening 21 travels in the slot 23 and its branches 25 and hence the sections 12 and 13 may be fastened together at the appropriate height. Likewise the section 11 is adapted to be engaged adjacent its upper end in order to extend it with respect to the section 12. During this movement, pin 20 travels in the slot 22 and section 11 may be secured in the adjusted position by turning the same so that the pin 20 is received in one of the branches 24. The next operation is to extend the arms 17 which is accomplished by vertically moving or pulling rod 25^a whose stop 26 upwardly slides the head 14 causing the rod 17 to move upwardly, outwardly and downwardly due to the particular structure of the head and its sockets which engage the balls 16. The cover 28 is so arranged that through the said downward movement of arms 17, they enter the pockets 33. Thereafter, stays 34 are positioned. Before or after this stage, the side curtain 30 is anchored to the ground and then secured by the fasteners 31 to the elements 32, within the depending curtain 32^a. The latter curtain covers the joint between the side cur-

tain and cover so as to exclude rain or the like.

What is claimed is:—

1. A portable tent having a standard, arms movable downwardly and outwardly therefrom, a cover supported by said arms, and said cover having radial pockets to be entered at their inner ends by said arms, the cover being adapted to be stretched by the downward and outward movement of the arms.

2. A portable tent having a standard, a plurality of arms movable downwardly and outwardly into radiating relation therefrom, a cover supported by said standard, and said cover having pockets in a path encircling said standard and adapted to be entered at their inner ends by said arms, the cover being adapted to be stretched by the downward and outward movement of the arms.

3. A portable tent having a standard, a head movably disposed in said standard, arms carried thereby and movable downwardly and outwardly therefrom, a cover supported by said arms, a pull rod for said head within said standard, said cover having an opening adjacent the standard to accommodate manipulation of the pull rod, said cover having radial pockets to be entered at their inner ends by said arms, the cover being adapted to be stretched by the downward and outward movement of the arms, and guy means for the cover.

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

ARTHUR G. EMERSON.

Witnesses:

W. C. FRAY,
J. C. FOUNTAIN.