P. F. VON AHNEN.

COLLAPSIBLE TENT POLE.

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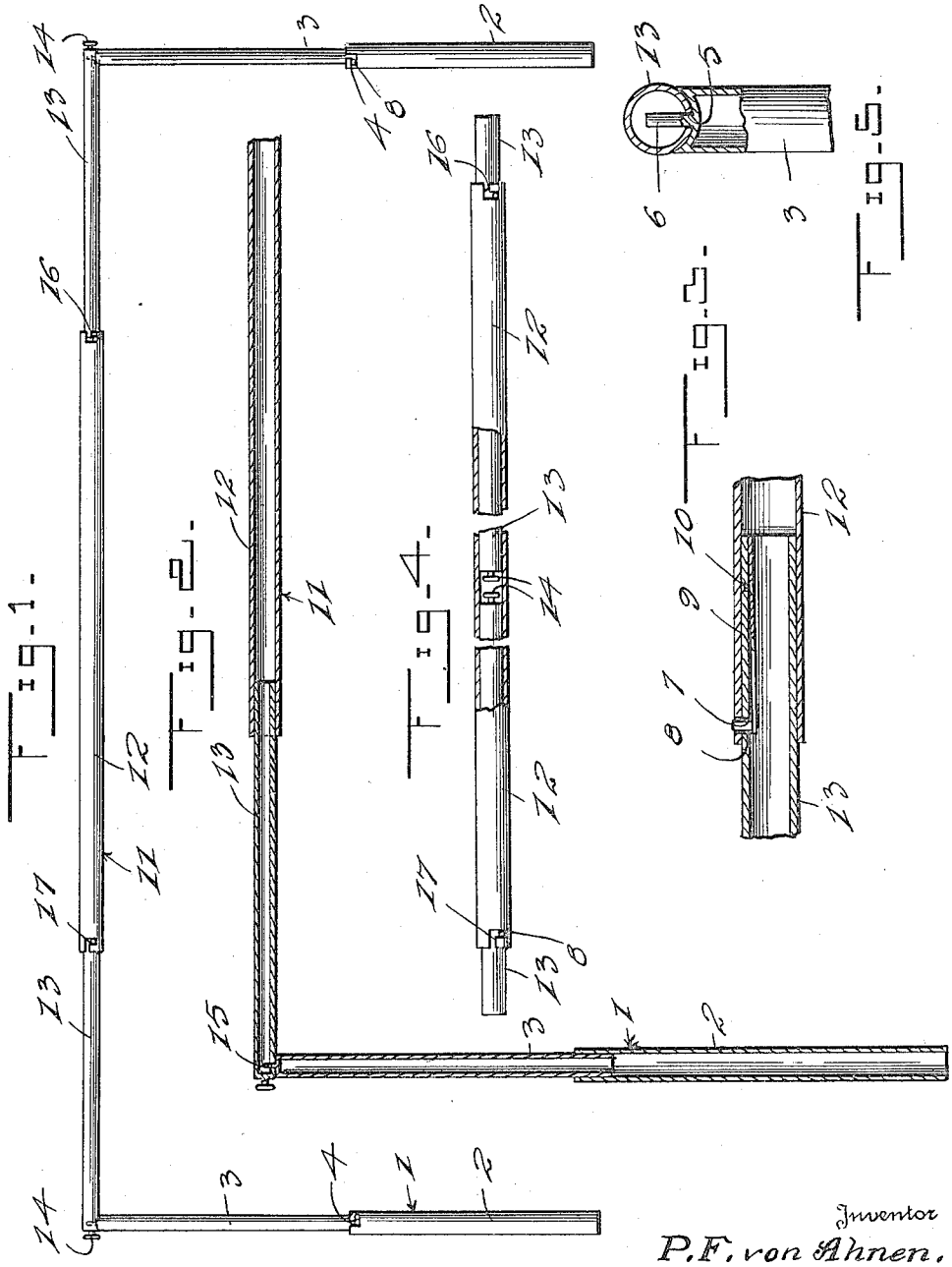
1,214,979. Patented Feb. 6, 1917.



Witnesses

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COLLAPSIBLE TENT-POLE.

1,214,979. Specification of Letters Patent. Patented Feb. 6, 1917.

Application filed October 29, 1915. Serial No. 58,601.

To all whom it may concern:

Be it known that I, PAUL F. VON AHNEN, a citizen of the United States, residing at Caspar, in the county of Mendocino and State of California, have invented certain new and useful Improvements in Collapsible Tent-Poles; 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.

This invention relates to new and useful improvements in collapsible tent poles and the principal object of the device is to provide a tent pole which may be constructed of a light tubing and which may be collapsed so as to occupy a minimum amount of space during transportation.

Another object of the invention is to provide a pole which may be constructed of a plurality of collapible sections, one of which is slidable into the other and which when in its open position will support a tent.

Another object of the invention is to provide a device which in its closed position may be readily packed in a comparatively small bundle, thus enabling the user to easily transport the device.

Still another object of the invention is to provide a novel form of locking the sections in their open position.

With these and other objects in view, the invention consists in the novel combination and arrangement of parts which will be fully set forth in the following specification and accompanying drawings, in which:—

Figure 1 is a view in elevation showing the device as it would appear when ready for use.

Fig. 2 is a fragmentary sectional view through a portion of Fig. 1.

Fig. 3 is an enlarged fragmentary sectional view through one of the joints illustrating the locking means.

Fig. 4 is a view partly in section of the device when closed and ready for shipment, and

Fig. 5 is a detail end elevation of one of the uprights, showing the ridge pole in place thereon, said ridge pole being in section.

Referring to the drawings the numeral 1 designates as an entirety one of the uprights consisting of the base member 2, which comprises a hollow cylinder in which the upper member 3 is slidable. The upper end of the cylinder is provided with a bayonet slot 4 and the upper end of the upper member 3 is hollowed out as at 5 and supports a central pin 6, for connection with the ridge pole. The lower end of the member 3 is provided with an aperture 7 through which the locking pin 8 extends and the inner end of this locking pin is attached to the free end of the spring 9 which is riveted or otherwise secured as at 10 to the inside of the member 3. It will thus be seen that the locking pin 8 is movably connected to the member 3 so as to slide thereinto when the device is in its collapsed position.

The ridge pole is designated generally by the numeral 11 and comprises the cylindrical central member 12 in which the side members 13 are slidable and these side members are formed at their outer ends with the heads 14 to which the pin is secured. The members 13 are also formed near their outer ends with the apertures 15 through which the pins 6 of the uprights extend. The ends of the cylinder 12 like the upper end of the base member 2 is formed with the bayonet slot 16 and the inner ends of the members 13 carry the locking pins 17 which are mounted therein in a manner similar to the mounting of the pins 8. It will thus be seen that the locking pins 17 will coöperate with the bayonet slot 16 in holding the device in its open position as do the locking pins 8 with the bayonet slot 4.

It will be apparent from the foregoing that a particularly simple and efficient ridge pole and upright is provided which may be readily collapsed and when in collapsed position will occupy a minimum amount of space, thus enabling the user to readily transport the same. It is to be understood that any number of collapsing sections may be provided and I do not in any way limit myself to the particular number shown in the drawings.

While in the foregoing there has been shown and described the preferred embodiment of this invention, it is to be understood that such changes may be made in the combination and arrangement of parts as will fall within the spirit and scope of the appended claim.

What is claimed:

A supporting frame for tents comprising a pair of hollow standards having bayonet slots formed adjacent their upper ends, rods

adapted to fit into the ends of said standards, pins carried by the rods and adapted to enter the bayonet slots, the ends of the rods opposite those carrying the pins being concave to provide ridge pole seats, pins extending from the ends of the rods and adapted to enter opposite ends of a ridge pole to hold the same in place on the standards, a ridge pole comprising a hollow tubular body, rods adapted to fit into opposite ends of said body, the said body being provided with bayonet slots adjacent its opposite ends, pins on the rods adapted to engage in said bayonet slots to hold the rods in place in the body, the ends of the rods opposite those carrying the pins being provided with transversely extending bores to receive the pins of the first mentioned rods whereby the ridge pole is held in position on the standards, and buttons extending longitudinally from opposite ends of the rods when the device is in assembled position to provide supports for the the guy ropes of a tent.

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

PAUL FREDERICK VON AHNEN.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."