

No. 841,812.

PATENTED JAN. 22, 1907.

P. PEMENT.
TENT STAKE.

APPLICATION FILED SEPT. 5, 1906.

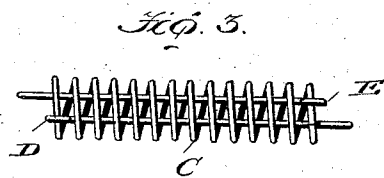
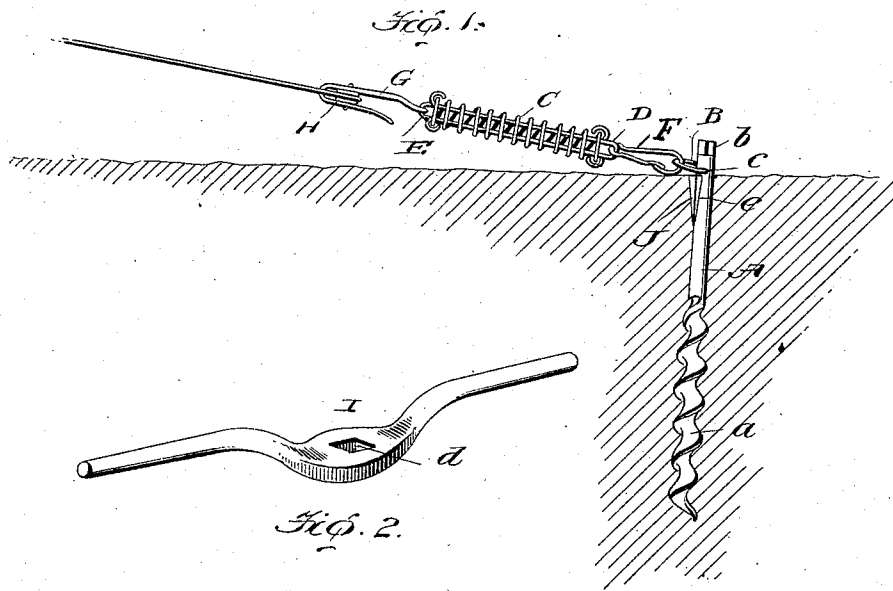


Fig. 5.

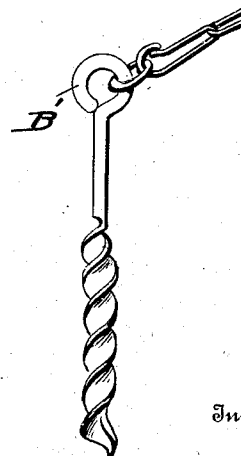
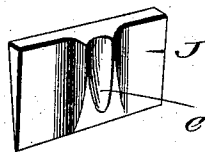


Fig. 4.



Witnesses

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TENT-STAKE.

No. 841,812.

Specification of Letters Patent.

Patented Jan. 22, 1907.

Application filed September 5, 1906. Serial No. 333,372.

To all whom it may concern:

Be it known that I, PHILEMON PEMENT, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Tent-Stakes, of which the following is a specification.

My invention relates to stakes for use in connection with tents and the like; and it has for one of its objects to provide a stake constructed with a view of being expeditiously secured in the ground with the expenditure of but a minimum amount of effort and one adapted to accommodate itself to contraction of a tent and tent-rope when wet and also adapted to take up slack of the tent and tent-rope as the same become dry and in that way maintain the tent and its rope at all times in a taut state.

The ability of my novel stake to allow contraction of a tent and tent-rope during wet weather will be appreciated as an important advantage when it is remembered that such contraction frequently results in tent stakes or pegs being pulled from the ground.

Another object of the invention is the provision, in combination with a tent-stake, of a device calculated to preclude lateral shifting of the tent-stake toward the tent when the stake is subjected to a strong pull in such direction.

With the foregoing in mind the invention will be fully understood from the following description and claim when the same are read in connection with the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view illustrating the stake constituting the preferred embodiment of my invention as the same appears when in use. Fig. 2 is a perspective view of the handle or wrench, through the medium of which the stake is turned into the ground. Fig. 3 is an enlarged detail view of the spring which I prefer to employ. Fig. 4 is an enlarged detail perspective view of the device for preventing lateral shifting of the stake in the ground when the stake is subjected to undue pull toward the tent. Fig. 5 is a detail view of a modified construction.

Similar letters designate corresponding parts in all of the views of the drawings referring to which—

A is a stake having a screw *a* to permit of its being turned and fastened in the ground and also having an upper end *b* of angular

form in cross-section and an eye *c* adjacent to said end.

B is a ring pivotally connected to stake A, preferably by being passed through the eye *c* thereof, and C is a spring connected with the ring B and designed for the connection of a tent-rope or other rope that is to be held under tension, as will be presently set forth. The spring C may be arranged in any manner compatible with my invention without involving departure from the scope thereof, though I prefer to arrange it in the manner illustrated—i. e., with its coils surrounding oppositely-disposed loops D and E—to which it is connected at its opposite ends, as best shown in Fig. 3. The loop D is equipped with a snap-hook F, through which it is detachably connected to the ring B, while the loop E carries a hook-shaped appurtenance G, in which is a sheave H, around which a tent-rope is passed, as shown in Fig. 1.

I is a handle or double hand-lever for use in turning the stake A into and out of the ground. This hand-lever has an angular aperture *d*, and hence it will be apparent that with the ring B resting against the side of stake A said lever may be readily applied to and as readily removed from the angular end *b* of the stake. It will also be apparent that during the placing of the stake in or the removal of the stake from the ground the spring C may, if deemed expedient, be disconnected from the ring B.

In the practical use of my improvements the stake A is turned into the ground, and a tent-rope is passed around the sheave H, and the spring C is compressed, so as to put the rope under tension. With this done it will be seen that in the event of the tent and rope getting wet the spring will be further compressed, and consequently there will be no likelihood of the stake being pulled from the ground or of the tent being torn or otherwise damaged. It will also be observed that as the tent and tent-rope become dry the spring expands and takes up the slack and keeps the tent and tent-rope taut. In this connection it will be noticed that the pull exerted by the tent rope on the stake A is at the ground-line, which contributes materially to the strength of my improvements as a whole.

With a view of preventing lateral shifting of the stake A toward the tent when a hard pull in such direction is exerted on the stake I provide the device J, Figs. 1 and 4. The said device J is in the form of a plate, which is ta-

pered or gradually reduced in thickness toward its lower end to permit of its being readily driven into the ground and is provided at one side with an upright groove *e*, designed to seat the stake A. As shown in Fig. 1, the device J is driven into the ground at the side of the stake A toward the tent, and hence it will serve effectually to prevent lateral movement of the stake toward the tent.

10 In lieu of squaring the upper end of the stake and providing said stake with an eye to receive the ring B, I may when the stake is small provide it with a ring B', turned and welded or otherwise made integral with the stake, as shown in Fig. 5. When the stake is thus equipped, it may obviously be turned into the ground with facility through the medium of a bar of iron, wood, or other suitable material.

20 The construction herein shown and described constitutes the preferred embodiment of my invention; but I desire it understood that in practice such changes in the form, construction, and arrangement of parts may be made as fairly fall within the

scope of my invention as claimed, and I also desire it understood that my novel stake may be employed in various connections other than that described without affecting my invention.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A device for the purpose described comprising a stake having a screw and also having an upper end shaped for the application of a lever to be used in turning the screw into the ground, a ring pivotally connected with the upper portion of the stake and arranged to assume a position at an angle thereto, a spring, and means detachably connecting the spring to the ring.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

PHILEMON PEMENT.

Witnesses:

ALEXANDER F. BUISSONO,
HENNING L. CHRISTERSON.