(No Model.)

F. W. HINSEY.

TINNER'S STAKE.

No. 506,234. Patented Oct. 10, 1893.

Fig. 1.

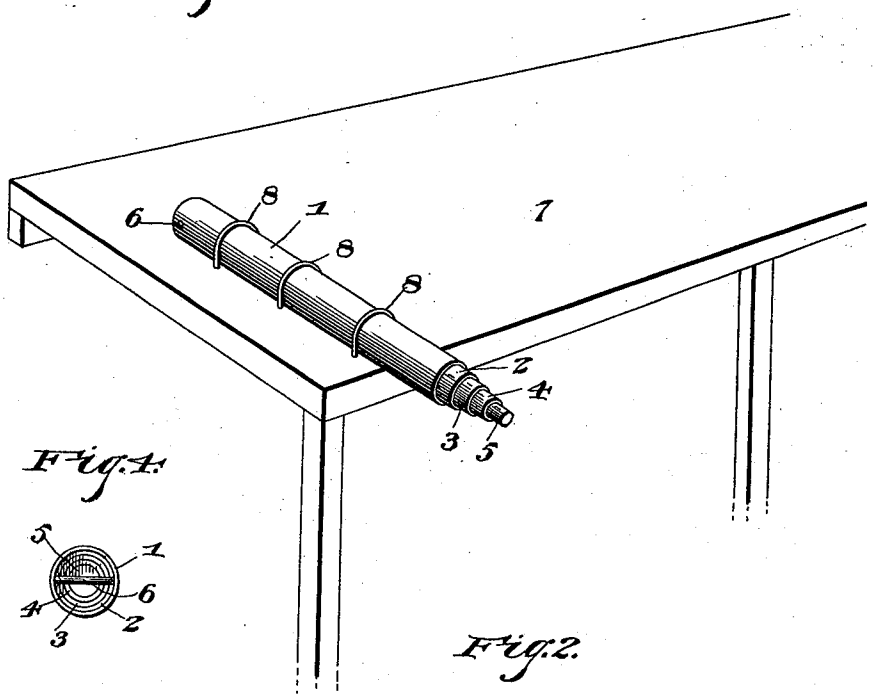


Fig. 4.

Fig. 2.

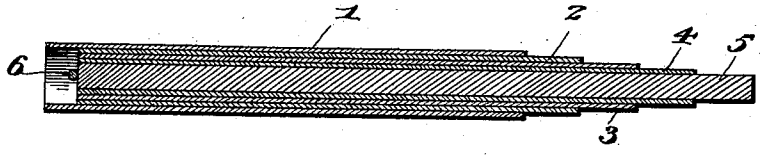
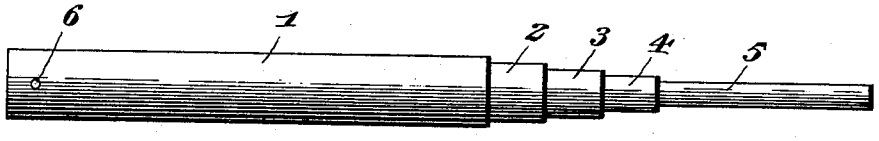


Fig. 3.



Witnesses
B. S. Ober.
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Frederick W. Hinsey,
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UNITED STATES PATENT OFFICE.

FREDERICK W. HINSEY, OF EUDORA, KANSAS, ASSIGNOR OF ONE-HALF TO EDWARD ELVIN WILSON, OF SAME PLACE.

TINNER'S STAKE.

SPECIFICATION forming part of Letters Patent No. 506,234, dated October 10, 1893.

Application filed June 28, 1893. Serial No. 479,063. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK W. HINSEY, a citizen of the United States, residing at Eudora, in the county of Douglas and State of Kansas, have invented a new and useful Tinner's Stake, of which the following is a specification.

My invention relates to a tinner's stake, and it has for its object to provide a simple, inexpensive, and efficient device combining the various sizes of stakes ordinarily employed by tinners and usually consisting of a series of independent cylindrical parts or sections. It will be understood that it is the common practice to employ these stakes, which are of different diameters, independently, and it is my object to combine them to form a single implement having independently adjustable members or sections, which are of different diameters and either of which may be used independently of the others, to economize space and retain all of the parts in convenient positions for use.

Further objects and advantages of my 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 view of a stake embodying my invention applied to a bench, the members or sections being folded. Fig. 2 is a central longitudinal section of the same. Fig. 3 is a view showing one of the sections extended for use. Fig. 4 is an end elevation.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The stake comprises a series of telescoping members or sections, which are tubular and are of graded diameters, in order that they may fit snugly yet slidably one within the other. The device which is illustrated in the drawings is provided with five of these telescoping sections or members, which are numbered successively 1, 2, 3, 4, and 5, beginning with the member or section of largest diameter. The terminal or smallest member or section may be solid, as shown. The members or sections are preferably formed of steel or similar strong material, and the member or section 1 is provided near its rear end with a transversely-disposed stop-pin 6, to limit the movements of the members or sections when repressed. The members or sections are, furthermore, of different lengths whereby, when folded as shown in Fig. 1, each member projects slightly beyond the outer end of the next larger member, or the member into which it is fitted, to enable the operator to grasp either member to extend the same for use. The section 1 is secured in operative position to a bench 7, a part of which is shown in Figs. 1 and 2, by means of clips or keepers 8, through which, however, said member or section is slidable in order to enable it to be extended when it is desired to use the same.

From the above description it will be apparent that the stakes of all sizes required in ordinary practice are thus arranged in the compass of a single stake and are held in convenient position for immediate use. In selecting the size of member which is desired for a particular purpose, the same may be accomplished readily and quickly owing to the relative and comparative arrangement of parts; and when the selection is made the desired member or section may be extended to the operative position without affecting the others or requiring any special adjustment or handling of those members which are not required.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. A tinner's stake, comprising a series of telescoping independently extensible members or sections, each member or section forming a guide and holder for the member or section of next smaller diameter substantially as specified.

2. A tinner's stake, comprising a series of telescoping members or sections which increase successively in length from the member of largest diameter to that of smallest diameter, substantially as specified.

3. A tinner's stake, comprising a series of telescoping sections of graded lengths, the member or section of greatest diameter being

provided with a stop to limit the rearward movement of the members or sections, substantially as specified.

4. A tinner's stake, comprising a series of telescoping members or sections, in combination with fixed guides or keepers in which the member or section of largest diameter is slidably fitted, 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.

FREDERICK W. HINSEY.

Witnesses:
H. A. OBERHOLTZER,
HOMER A. WHITE.