No. 820,927. PATENTED MAY 15, 1906.

V. HEISER.

CLOTHES PROP.

APPLICATION FILED OCT. 7, 1905.

Fig. 1

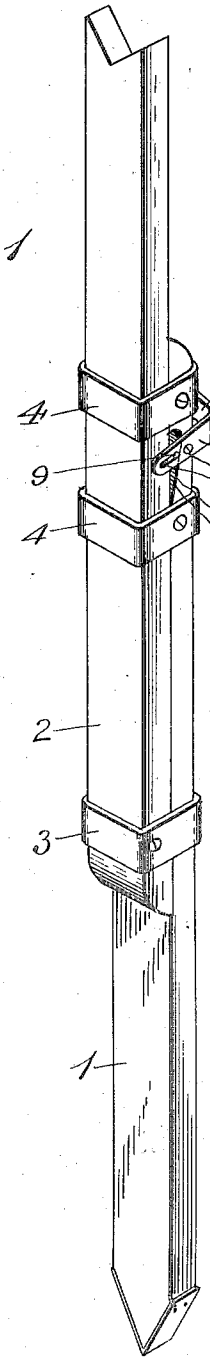


Fig. 2.

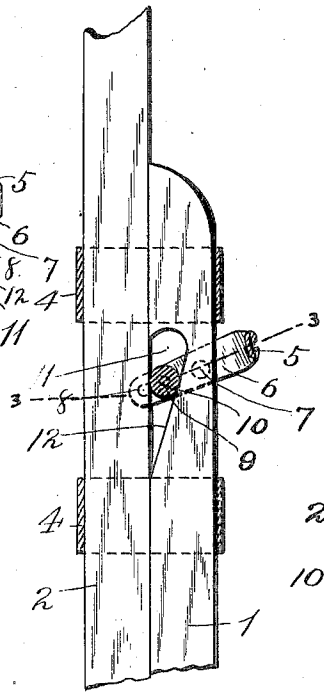
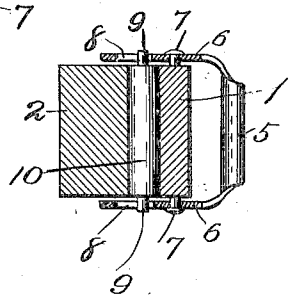


Fig. 3.



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UNITED STATES PATENT OFFICE.

VALENTINE HEISER, OF ORWIGSBURG, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO HARVEY A. WELLER, OF ORWIGSBURG, PENNSYLVANIA.

CLOTHES-PROP.

No. 820,927. Specification of Letters Patent. Patented May 15, 1906.

Application filed October 7, 1905. Serial No. 281,788.

To all whom it may concern:

Be it known that I, VALENTINE HEISER, a citizen of the United States, residing at Orwigsburg, in the county of Schuylkill and State of Pennsylvania, have invented certain new and useful Improvements in Clothes-Props; 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.

My invention relates to clothes-props in which overlapping members are secured together against lateral displacement in the longitudinal extension of the prop, has for its object means for securing the extensible member in any desired position by the weight resting on the pole, and consists in certain improvements in construction, which will be fully disclosed in the following specification and claims.

In the accompanying drawings, which form part of this specification, Figure 1 is a perspective or a clothes-prop embodying my invention; Fig. 2, a side elevation, and Fig. 3 a transverse section on line 3 3, Fig. 2.

Reference being had to the drawings and the designating characters thereon, the numeral 1 indicates the lower member of the structure; 2, the upper member adjustable longitudinally on the first member; 3, a metallic loop secured to the lower end of the member 2 and surrounding the member 1, and 4 4 like loops secured to the member 1 and surrounding the member 2. These loops admit of free longitudinal movement of the member 2 on the member 1, but prevent any lateral displacement of one member with reference to the other in the adjustment of the member 2.

5 is a lever having arms 6 6 pivotally secured to the member 1 at 7 7, and each arm is provided with an elongated slot or opening 8 8 to receive the trunnions 9 9 of a roller 10, which is supported by said arms, and 11 is a recess in the inner face of the member 1 and is provided with an inclined surface 12 on which the roller bites or engages on one side, while the opposite side engages the inner or adjacent face of the member 2 and forms an effective lock to hold the member 2 in any desired position.

The weight sustained by the section 2 serves to hold the roller 10 in engagement with the members 1 and 2 and securely locks the members until they are released by raising the roller 10 through the medium of the lever 5, when the member 2 may be moved to any desired position with reference to the member 1 and the prop made of any desired length within the range of its adjustment.

It is obvious that the locking device may be applied to other devices in which there are overlapping and longitudinally-adjustable members without departing from the spirit or scope of my invention.

Having thus fully described my invention, what I claim is—

1. A supporting member and a like member adjustable thereon, and secured against lateral displacement; in combination with a revoluble member between the supporting members and attached to a member pivotally connected to one of said supporting members.

2. A supporting member and a like member adjustable thereon, secured against lateral displacement, and having a recess in its inner face; in combination with a revoluble member in said recess, and a lever supporting said revoluble member and pivotally secured to one of said supporting members.

3. A supporting member and a like member adjustable thereon, means for securing said members against lateral displacement, a recess having an inclined wall and extending across one of said members, a revoluble member in said recess, and a lever having arms pivotally connected to one of the supporting members and provided with slots in which said revoluble member is suspended.

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

VALENTINE HEISER.

Witnesses:
THOS. B. ZULICK,
H. A. WELLER.