No. 887,435. PATENTED MAY 12, 1908.

O. SCHERER.

STILT.

APPLICATION FILED AUG. 5, 1907.

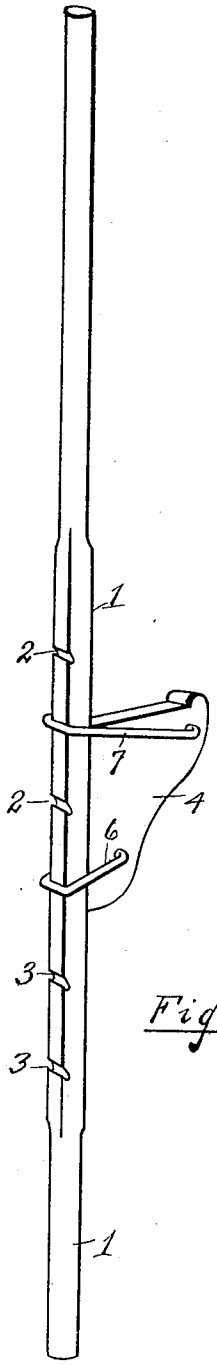


Fig. 1.

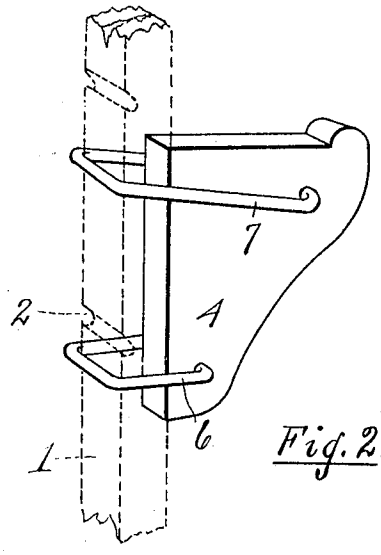


Fig. 2.

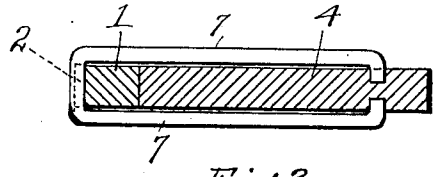


Fig 3.

Witnesses

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STILT.

No. 887,435. Specification of Letters Patent. Patented May 12, 1908.

Application filed August 5, 1907. Serial No. 387,026.

To all whom it may concern:

Be it known that I, OTTO SCHERER, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Stilts, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to stilts; it has for its object an improved stilt adapted to be used for sport and exercise.

The improvement consists in the application to the staff of the stilt of a step piece held to the staff by links in a way such that the step may be easily and readily adjusted from one position of elevation to another, but will maintain its adjusted position with certainty while in use.

In the drawings:—Figure 1, is a perspective of the assembled parts of the stilt. Fig. 2, is a perspective of the step part. Fig. 3, is a cross section through the step and the staff.

The staff 1 is provided with notches 2 and 3, which enter the staff on an incline, bringing the bottom of the notch somewhat below the lower edge of the mouth opening thereinto when the stilt is in the vertical position shown in Fig. 1. The step 4 is provided with two links 6 and 7, which are of unequal size, the link 6 of smaller size engages the step 4 near the bottom end thereof, and somewhat closely adjacent to that vertical side of the step which is intended to bear against the staff. The link 7 somewhat larger than the link 6 engages the step 4 near the upper side thereof and near that portion of the face of the step which is to the front or farthest away from the staff 1, when the parts are assembled. Both links have sufficient clearance from the step to allow the body of the staff to pass freely between the step and the link; the clearance, however, is so small that if either link be swung slightly from a horizontal position, the staff can no longer slide through the open part of the link and can be used in connection with the step only when the link slips into one of the notches 2 and 3. Preferably the notches are spread to bring the links to an opposite direction of inclination when the parts are in engagement. This condition of opposite inclination is shown in Fig. 1, where the link 7 inclines upward from the front of the step to the standard and the link 6 inclines downward. Either link may now be swung independently from the position it now occupies, but no weight placed upon the step itself will cause either or both of the links to become disengaged from the notches in which they rest, and such disengagement can only be effected by a correct manipulation of the parts.

What I claim is:—

1. A stilt, having in combination a standard provided with a notched face, a step, a plurality of separate links pivoted to the step and slidably connecting it to the standard and adapted to rest in the notches, the notches upon the standard being spaced to produce opposite inclination of the said links and thereby fix the same in operative position upon said standard, substantially as described.

2. A stilt, having in combination a staff member having a notched face, a step member adapted to engage against the opposite side of the staff from the notched portion, and a plurality of links pivoted to the step member and engaging about said staff member, being adapted, when extending perpendicularly to the axis of the staff member, to permit said step member to slide therealong, and, by the engagement of each in one of the notches at opposite inclinations to one another, to clamp the step member in position, substantially as described.

In testimony whereof, I sign this specification in the presence of two witnesses.

OTTO SCHERER.

Witnesses:
MAY E. KOTT,
C. C. JENNINGS.