(No Model.)

G. P. SMITH.

WALKING STILT.

No. 398,854. Patented Mar. 5, 1889.

Fig. 1.

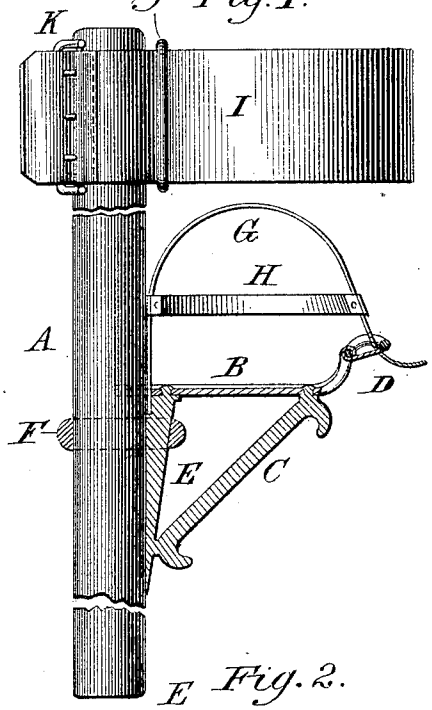


Fig. 3.

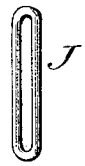
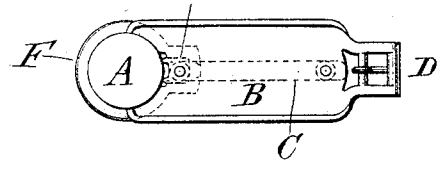


Fig. 2.



Witnesses:
Henry W. Stevens
A. C. Bulkley

Inventor:
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UNITED STATES PATENT OFFICE.

GEORGE P. SMITH, OF BRIDGEPORT, CONNECTICUT.

WALKING-STILT.

SPECIFICATION forming part of Letters Patent No. 398,854, dated March 5, 1889.

Application filed June 8, 1888. Serial No. 276,542. (No model.)

To all whom it may concern:

Be it known that I, GEORGE P. SMITH, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and useful Walking-Stilt, of which the following is a specification.

My invention relates to an adjustable step-bracket and leg-band for walking-stilts, that may be quickly and easily adjusted to any desired height, so the amateur may commence with the step low on the standard (with the foot-straps and leg-bands off) and raise as desired until the limit of the pole or standard is reached. The professional requires the foot-straps, leg-bands, and the old style of balance-pole. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a vertical view of the stilt with the standard broken above and below the step-bracket, said bracket and clamping-ring being shown in section. Fig. 2 is a top view of step-bracket and clamping-ring with foot-straps detached; Fig. 3, a slide on leg-band.

Similar letters refer to similar parts throughout the several views.

The standard A is of wood of suitable length.

B C E constitute the malleable-iron frame for step-bracket.

B is the platform for the foot, with toothed projections to firmly hold the strap G when clamped between the end of the step B and the standard A.

D is a buckle-tongue secured to the cross-bar of the step to buckle the strap G over the top of the foot.

H is a strap to pass back of the foot, each end being looped around and sliding on the strap G.

C is the brace, and E the wedge, made in one piece.

F is a clamp-ring around the standard A, with a loop to fit the wedge E.

After placing the clamp F over the wedge E the pins on E and C pass through holes in and are riveted to B. The cut-away place in the wedge E takes the end of the strap G, which is held by the clamp F between the wedge E and standard A. The bracket and standard are firmly held together, and, when desired, easily released and fastened in another place.

I is a band with a suitable buckle fastened to one end, the other passing through the loop J, around the leg, returning through J, and is, lastly, buckled over A, securing the standard to the leg without pressing hard against the leg.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a stilt, the combination of the standard, a step-bracket provided with a downwardly-beveled wedge-shaped plate bearing against the standard, and a ring encircling both the plate and the standard, whereby the weight of the user locks the bracket in any position on the standard by wedging the plate between the ring and the standard, substantially as set forth.

GEORGE P. SMITH.

Witnesses:
HENRY W. STEVENS,
EDGAR S. NICHOLS.