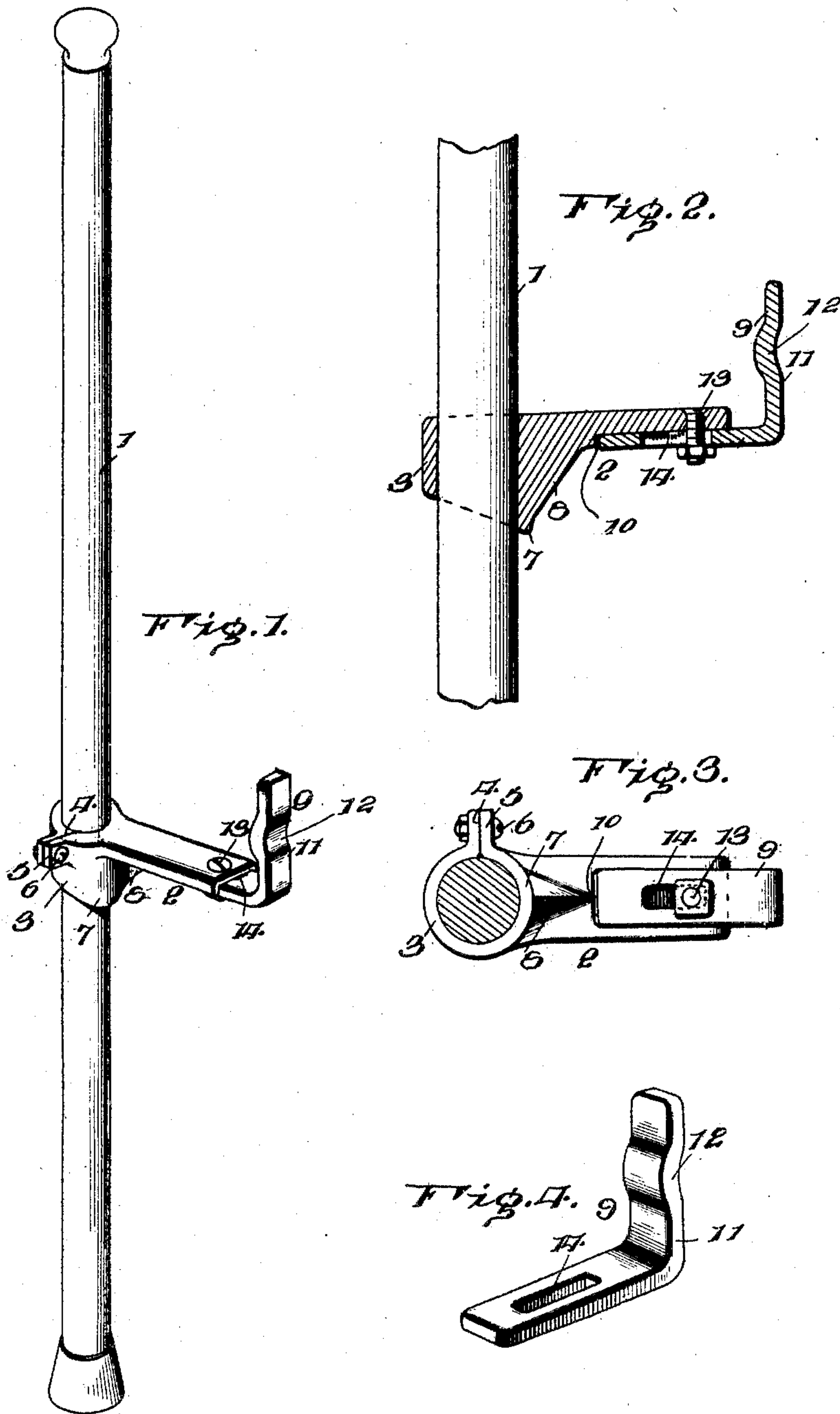


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R. ALBACH.
STILT.

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Inventor

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Witnesses

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STILT.

SPECIFICATION forming part of Letters Patent No. 784,020, dated March 7, 1905.

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To all whom it may concern:

Be it known that I, RILEY ALBACH, a citizen of the United States, residing at Mount Gilead, in the county of Morrow and State of Ohio, have invented certain new and useful Improvements in Stilts, of which the following is a specification.

The object of this invention is to provide a simple and substantial form of stilt, and the essential feature of the invention particularly resides in the specific manner of mounting the foot-rest upon the stilt-bar. The foot-rest is adapted for any desired adjustment in the length of the stilt-bar, so that the stilt may be readily used by persons having different degrees of skill in walking upon the same.

The invention further embodies a specific form of foot-rest having an adjustable arm provided with a stop adapted to engage the foot and to thus reduce the liability of slipping of this member from the rest.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a stilt embodying my invention. Fig. 2 is a vertical sectional view through the foot-rest. Fig. 3 is a bottom plan view of the foot-rest made in accordance with my invention. Fig. 4 is a detail perspective view of the adjustable arm carried by the foot-rest.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In the practical embodiment of my invention the stilt comprises the stilt-bar 1 and the foot-rest 2 as the principal members thereof. The stilt-bar 1 may be of any suitable form having the necessary substantiality for the purpose of the invention and preferably consists of a round bar, the foot-rest 2 being pro-

vided with a clamp adapted to receive and engage the bar 1 in order to properly support the foot-rest in an adjusted position. The clamp carried by the foot-rest consists of an eye or ring 3, integrally formed therewith, which member is adapted to receive the stilt-bar. The eye or ring 3 is split at one side, as shown at 4, so that same may have a certain amount of spring-engaging action. Laterally-extending lugs 5 project from the split portions of the ring or eye 3, and said lugs are perforated, so as to receive a draw-bolt or screw 6, by which the sections of the eye or ring are adapted to be tightened in clamping relation about the stilt-bar 1. The foot-rest 2 extends laterally from the ring or eye 3, having a slight upward inclination, so that the foot will normally tend to move toward the stilt-bar when resting thereon. The portion of the ring or eye 3 adjacent the foot-rest 2 is extended downwardly, as shown at 7, so as to obtain a greater frictional bearing against the inner side of the stilt-bar, and this construction—namely, as regards the portion 7 above mentioned—is advantageous for obvious reasons. The provision of the extended portion 7 is such as to admit of the use of a brace 8, which constitutes an integral web extending from the ring or eye 3 and formed in the angle between the rest and the said eye. The web which forms the brace 8 is of integral formation with the rest and ring.

Adjustable upon the foot-rest 2 and longitudinally thereof is the arm 9, said arm being received in a recess 10 upon the under side of the rest. The arm 9 is provided at its outer end with an upward extension 11, which extension serves in the capacity of a stop to engage the foot of the user of the stilt to prevent likelihood of displacement of the same. The extension or stop member 11 is designed to be laterally adjustable toward and from the stilt-bar 1, so that the foot-rest may be readily used by persons having different-sized feet, and the part 11 is curved inwardly toward the stilt-bar at a point between its ends, as shown at 12, said curved portion being designed to more firmly hold the foot in place upon the foot-rest. The arm 9 is attached to the foot-rest by means of a suitable fastening in the

form of a screw-bolt 13, as illustrated, said bolt passing through the opening in the foot-rest and through the elongated slot 14 in the arm 9. The slot 14 is provided in order to admit of the necessary longitudinal adjustment of the arm 9 for the purpose above described.

The foot-rest constructed in accordance with my invention may be made of cast-iron, steel, or other metal, the prerequisite being substantiality. It will also be understood that the foot-rest may be used in accordance with any style of stilt-bar, same being as well adapted for the application to the short or "duck-leg" stilt, which are usually strapped to the legs, or those having the usual handles.

Having thus described the invention, what is claimed as new is—

1. In a stilt, the combination of a stilt-bar, a foot-rest, means for securing the foot-rest to the stilt-bar, an arm mounted upon the foot-rest, and a stop extension projecting upwardly from the arm and curved inwardly toward the stilt-bar at a point between its ends.

2. In a stilt, the combination of a stilt-bar, a foot-rest having a clamp eye or ring for at-

tachment to the stilt-bar, an arm adjustable lengthwise upon the foot-rest, said foot-rest being provided with a recess upon its under side receiving the arm, a stop extension projected upwardly from the outer end of the arm, and means for attaching the arm to the foot-rest.

3. In a stilt, the combination of a stilt-bar, a foot-rest having a clamp eye or ring for attachment to the stilt-bar, the under side of the foot-rest being provided longitudinally thereof with a recess, an arm received in said recess and provided with a longitudinal slot, a fastening passed through the foot-rest and the slot of the arm adjustably securing the arm thereto, and a stop extension projected upwardly from the outer end of the arm and curved between its ends for the purpose set forth.

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

RILEY ALBACH. [L. s.]

Witnesses:

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MERRILL L. PHILLIPS.