C. S. SANFORD.

PEG-FLOAT.

No. 182,715. Patented Sept. 26, 1876.

Fig. 1.

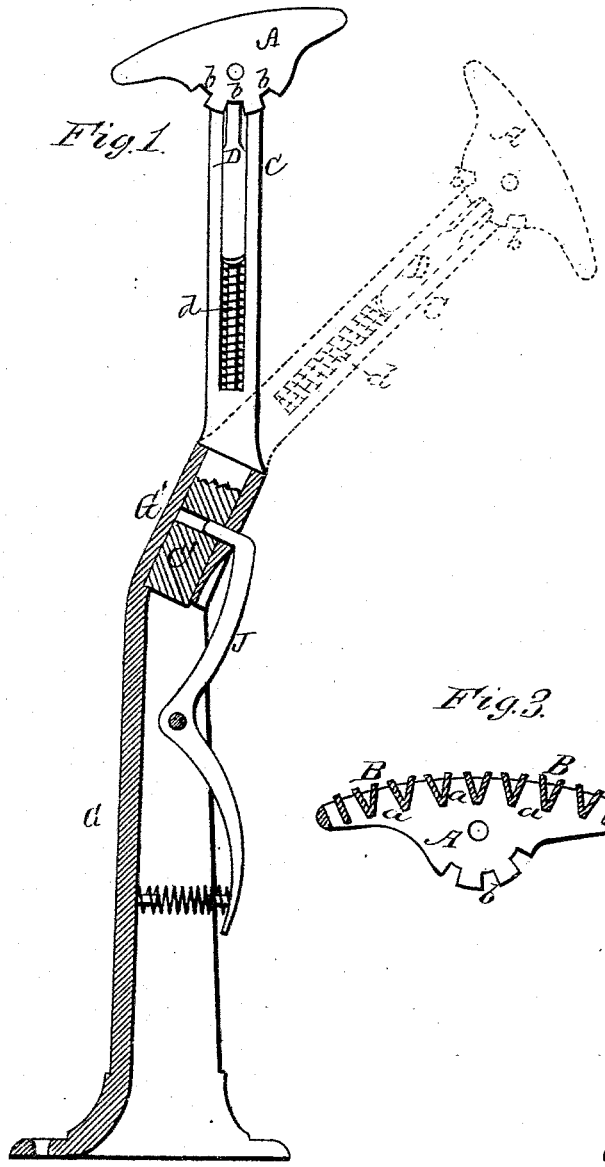


Fig. 3.

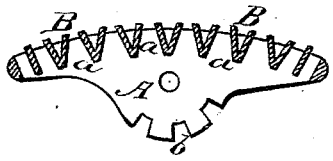
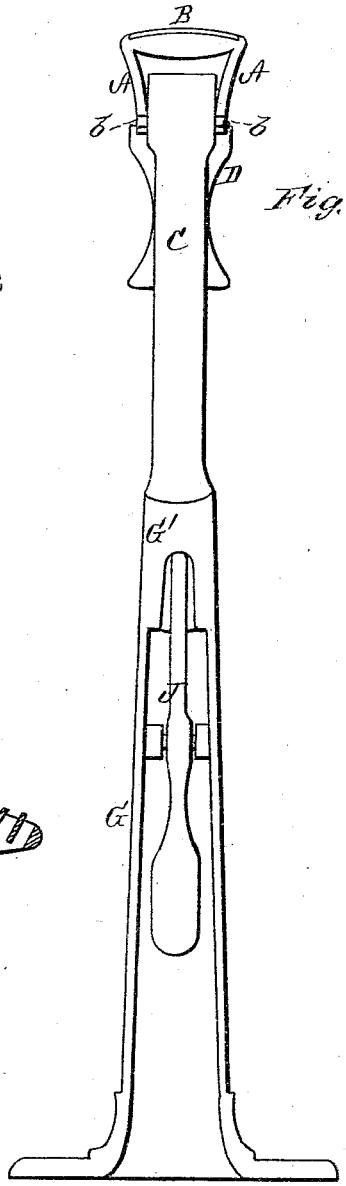


Fig. 2.



WITNESSES

E. H. Bates

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UNITED STATES PATENT OFFICE.

CLARK S. SANFORD, OF ROCKFORD, ILLINOIS.

IMPROVEMENT IN PEG-FLOATS.

Specification forming part of Letters Patent No. **182,715**, dated September 26, 1876; application filed Feburary 5, 1876.

To all whom it may concern:

Be it known that I, CLARK S. SANFORD, of Rockford, in the county of Winnebago, and State of Illinois, have invented a new and valuable Improvement in Peg-Float; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical section of my peg-float; and Fig. 2 is an elevated front view of the same. Fig. 3 is a sectional detail view thereof.

The nature of my invention consists in the construction and arrangement of a peg-float for boots and shoes, as will be hereinafter more fully set forth.

In the annexed drawing, the head or cap is shown constructed of two side pieces, A A, and V-shaped knives B B inserted between them, whereby I obtain a cutting-edge in opposite directions, or in either direction that the boot or shoe may be moved on the float. Between the knives are open spaces *a* for the free discharge of the several substances, thereby preventing the clogging of the instrument.

The cutting-bar or knives, it will be seen, are wide on the face or cutting side, and taper back, forming nearly a V shape, each knife having thus two cutting-edges; and as they are set in the rim or side pieces, at right angles to the guards, an inclined side of the knife is presented to the work when moved in either direction. Thus, by grinding the face of the knives smooth on a grindstone, I obtain a shearing cut when the boot or shoe is moved on the float in different directions. By this construction of the rim and knives forming the float-head, said head can be sharpened on a grindstone, which is an important consideration. Hence the knives can be left at a higher temper than in floats that are sharpened with a file.

At each end of the head I have shown a single knife, but of course a double-edged or V-shaped knife may be inserted here also.

When floating out the heel of a boot or shoe it is desirable that the standard and shank should be vertical, or nearly so, and the head be adjusted to nearly a horizontal position. When floating the toe of the boot or shoe the shank or standard should be bent so as to assume the shape of the boot as near as may be, and the head or cap adjusted so as to reach into the toe, nearly on a line with the shank.

To accomplish these adjustments I make the standard of two parts, C and G. The lower part, or standard proper, G, is vertical, with the top G′ inclined, and is to be fastened to a counter or block. In the inclined end G′ is an inclined hole, into which the stem C′ of the shank, or upper part C of the standard, is inserted. The shank-stem C′ is also inclined on the same angle relative to the shank as the hole is to the standard. By this means, when the shank C is turned in one direction, it will stand perpendicular, and, when turned halfway around, it assumes an inclined position, while the standard remains vertical, bringing the shank and standard into nearly the shape of the boot, and the boot can thus be floated out without cramping it out of shape. The shank is held firmly in either position by means of a spring thumb-latch, J, as shown.

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

1. The V-shaped knife-bars B, arranged in the head of a peg-float, for cutting in either direction, as herein set forth.

2. The standard G, with inclined hole in its top, in combination with the reverse inclined shank-stem, for the purposes herein set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CLARK S. SANFORD.

Witnesses:
GEO. R. FORBES,
JESSIE BLINN.