C. FUNK.

BOOT TREE.

APPLICATION FILED JUNE 27, 1911.

1,018,608.

Patented Feb. 27, 1912.

*Fig. 1*

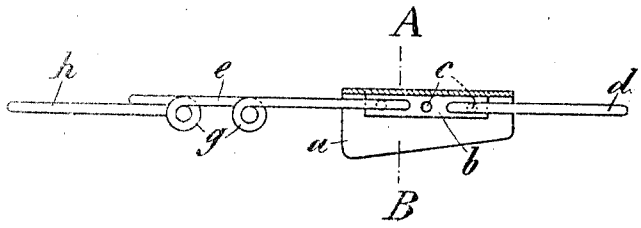



*Fig. 2*

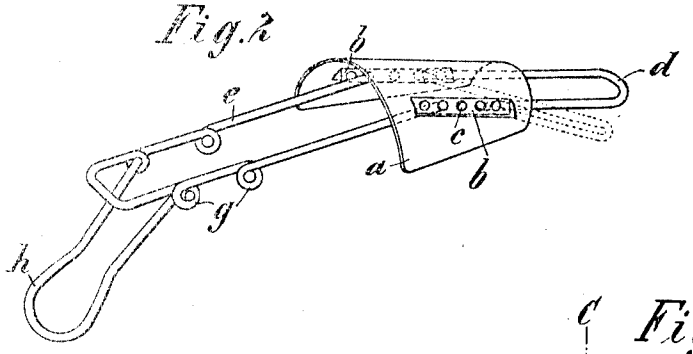



*Fig. 3*

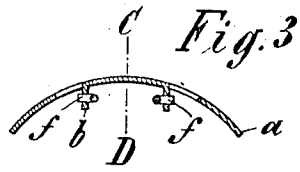
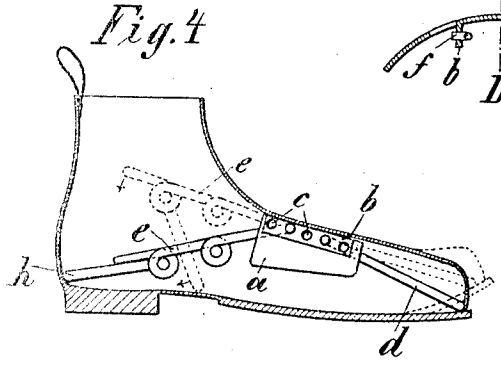



*Fig. 4*




Witnesses:
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# UNITED STATES PATENT OFFICE.

CHRISTIAN FUNK, OF HEIDELBERG, GERMANY.

## BOOT-TREE.

1,018,608. Specification of Letters Patent. **Patented Feb. 27, 1912.**

Application filed June 27, 1911. Serial No. 635,583.

*To all whom it may concern:*

Be it known that I, CHRISTIAN FUNK, a citizen of the German Empire, and residing at Heidelberg, German Empire, have invented new and useful Improvements in Boot-Trees, of which the following is a description.

The present invention relates to boot trees and the object is to provide a cheap form of boot tree which may easily be adjusted to stretch boots of different lengths.

The device consists advantageously of a metal plate bent or curved approximately to the form of the instep and having a pair of longitudinal flanges inside provided with a series of holes. A toggle bow of stout wire or the like serves to stretch the boot, one of its legs pressing against the heel, while a second bow extends to the toes. The adjacent ends of the shanks of the two bows are bent round outwardly and may be sprung into the holes of the instep plate flanges, according to the size of the boot to be stretched.

In order to render the present specification easily intelligible reference is had to the accompanying drawing in which similar letters of reference denote similar parts throughout the several views.

Figure 1 is a longitudinal section through the device, Fig. 2 a perspective view of the same, Fig. 3 a cross section on line A—B of Fig. 1 and Fig. 4 a sectional elevation of a boot with the tree therein.

The device consists of a plate *a* bent to approximately fit the instep of the boot or shoe and having flanges *b* slotted out of the same and bent inwardly and provided with a series of orifices *c* as may be clearly seen from Fig. 3. A bow *d* having the ends *f* of its shanks bent outwardly fits the toe portion of the boot or shoe and the outwardly bent ends *f* of the shanks may be sprung into two opposite holes of the flanges *b*. A toggle bow *e h* fits the heel of the boot and when expanded stretches the boot. The outwardly bent ends of the heel bow *h* engage one pair of eyes *g* of the bow *e*, several pairs of eyes *g* being provided in the shanks of the bow *e* to allow of the adjustment of the length of the same.

The tree is fitted into the boot in the manner illustrated in Fig. 4.

I claim as my invention:—

1. A boot tree consisting of a plate curved to approximately fit the instep of the boot or shoe said plate having a pair of inwardly extending longitudinal flanges provided with orifices inside the said plate, a toe bow and heel toggle bow of adjustable length each having the adjacent ends of their shanks bent outwardly and adapted to engage the orifices the said instep plate.

2. A boot tree consisting of a plate curved to approximately fit the instep of the boot or shoe said plate having a pair of inwardly extending longitudinal flanges provided with orifices inside the said plate, a toe bow and heel toggle bow each having the adjacent ends of their shanks bent outwardly and adapted to engage the orifices of the said instep plate, a series of eyes in one member of the toggle bow and outwardly bent shank ends on the other member to engage said eyes.

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

HRISTIAN FUNK.

Witnesses:

A. O. TITTMANN,

SAM. H. SHANK.