No. 22,577. PATENTED JAN. 11, 1859.

E. R. PEASE & R. R. HAYMAN.

MACHINE FOR REMOVING PEGS, &c., FROM BOOTS OR SHOES.

Fig. 3.

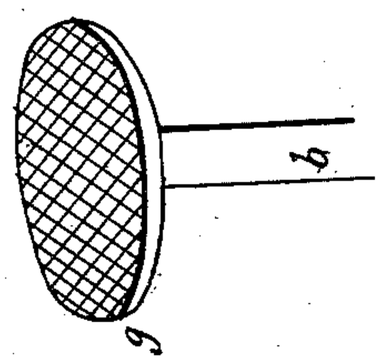


Fig. 1

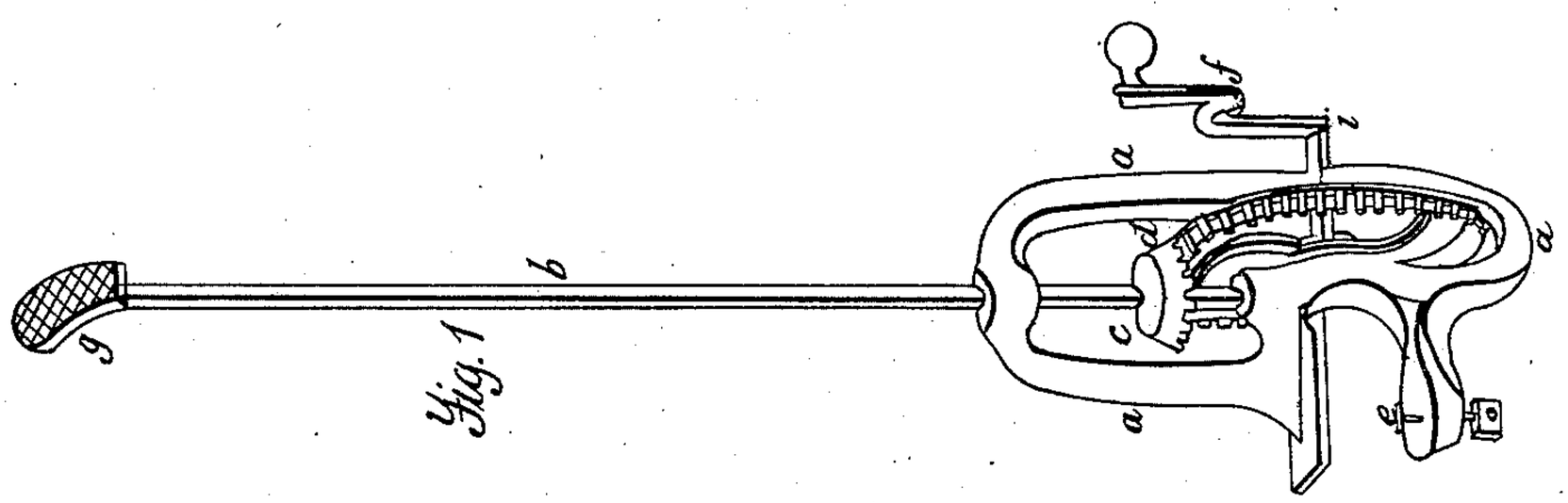
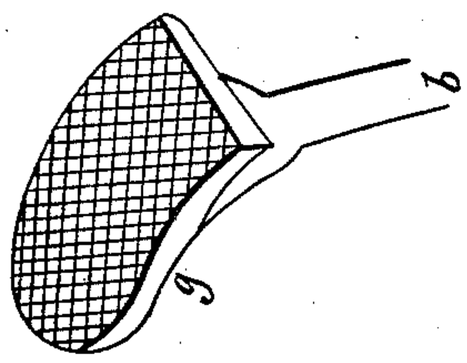


Fig. 2.



Witnesses.

Geo W Paine

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UNITED STATES PATENT OFFICE.

EDWIN R. PEASE AND R. R. HAYMAN, OF POUGHKEEPSIE, NEW YORK.

PEG-CUTTER.

Specification of Letters Patent No. 22,577, dated January 11, 1859.

To all whom it may concern:

Be it known that we, EDWIN R. PEASE and RICHARD R. HAYMAN, both of the city of Poughkeepsie, in Dutchess county, State of New York, have invented a new and useful Machine for Cutting Off or Removing Pegs and Nails from the Inside of Boots and Shoes; and we do hereby declare that the same is described and represented in the following specification and drawings.

To enable others skilled in the art to make and use our invention we will proceed to describe its construction and operation referring to the drawings.

Figure 1, is a perspective view of our machine. Fig. 2, is a perspective view of rasp or cutter for the forepart of the boot or shoe. Fig. 3, is a perspective view of the rasp or cutter for the heel and hind part of the boot or shoe.

The nature of our invention consists in the construction and arrangement of mechanical devices to enable the operator to give a rapid rotary motion to the rasp or cutter which removes the nails or pegs at pleasure, to expedite the process of removing them.

In the accompanying drawings *a*, *a*, *a*, is a stand or frame of cast metal, made in the form shown in the drawing, or in such other form as will answer the purpose, and provided with a score or recess *e*, for the edge of the bench or table to which it may be applied, and fastened by the clamping screw *h*, in a convenient position for use. The stand *a*, *a*, *a*, is perforated to form boxes for the journals of the shaft *i*, which may be provided with a crank *f*, to be turned by hand, or with a pulley for a band from some other power to turn it with the gear *d*, fastened to it; which gear *d*, turns the pinion *c*, and shaft *b*, to which the pinion is fastened, and operates the rasps or cutters *g*, *g'*, to remove the pegs and nails from the insides of boots and shoes.

The rasp *g*, is shown enlarged in Fig. 2. It is provided with a socket containing a female screw for the male screw on the end of the shaft *b*.

This rasp or cutter *g*, is adapted to remove the pegs or nails from the inside of the forepart of boots or shoes, and may be unscrewed from the shaft *b*, and the rasp or cutter *g'*, Fig. 3, which is also provided with a socket and female screw, screwed on in its place. This cutter *g'*, is adapted to remove the pegs and nails from the inside of the heel and hinder part of boots and shoes, and it may be rotated for that purpose by turning the crank *f*, with one hand and holding the boot or shoe on the cutter with the other, so as to remove the pegs and nails very expeditiously, and a great deal quicker than by any tool or process known prior to our invention.

These rasps or cutters should be made of steel and the teeth or floats in them may be made by cutting with a chisel or scoring them with a file to form teeth like a common shoemaker's float for removing pegs from shoes, and after the teeth or floats are formed they may be properly tempered or hardened.

If it should be found desirable a pawl may be applied to the frame and arranged to lock the shaft *b*, or pinion *c*, while removing the pegs from the forepart of the boot or shoe.

We believe we have described our invention for removing pegs and nails from the insides of boots and shoes so as to enable any person skilled in the art to make and use it; we will now state what we desire to secure by Letters Patent to wit.

We claim as a new article of manufacture—

The above described machine for cutting off or removing pegs and nails from the insides of boots and shoes, substantially as described.

E. R. PEASE.
R. R. HAYMAN.

In presence of—
GEO. W. PAINE,
DANIEL CLEVELAND.