

F. R. GOING.
Hat-Block.

No. 159,088.

Patented Jan. 26, 1875.

Fig:1.

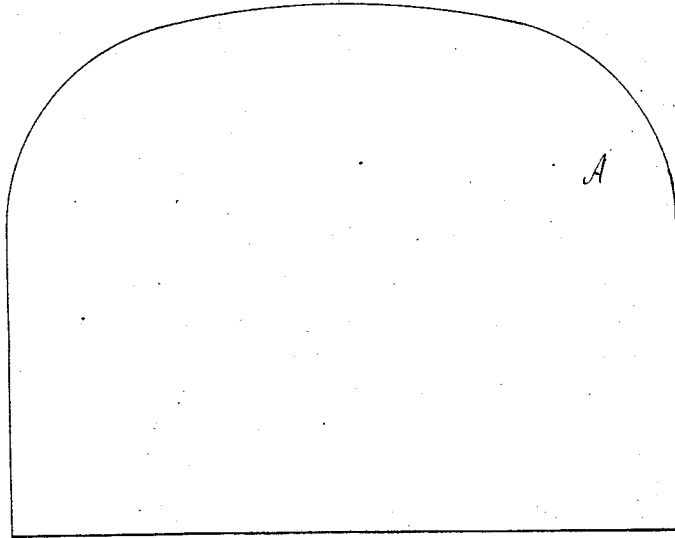
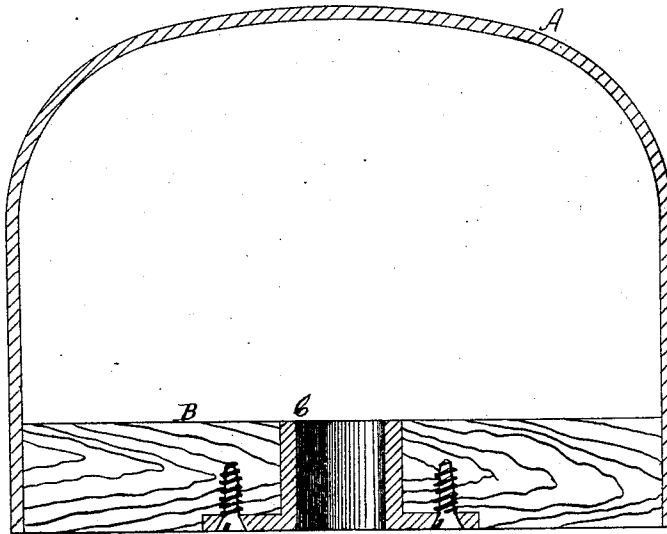


Fig: 2.



WITNESSES.
Edw. L. Outinier.
Wm. Pratt.

INVENTOR.
Frank R. Going
per Crossby & Gregory
Attys.

UNITED STATES PATENT OFFICE.

FRANCIS R. GOING, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN HAT-BLOCKS.

Specification forming part of Letters Patent No. **159,088**, dated January 26, 1875; application filed December 2, 1874.

To all whom it may concern:

Be it known that I, FRANCIS R. GOING, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Hat-Blocks, of which the following is a specification:

My invention relates to a holder or form for sustaining hats in pouncing-machines, and consists in a hollow block constructed as hereinafter described.

In pouncing hats they are stretched over or on a block made of a solid piece of wood. These blocks are carried at the top of a vertical shaft, which is rotated several times in one, and then in the opposite, direction, a reciprocating rack engaging a toothed gear on the vertical shaft. This shaft is turned very rapidly, and its motion is reversed very quickly, and consequently the machine has to be very strong, and especially so as the momentum of the shaft, owing to the heavy wooden block, is very great, and the strain on the machine and shaft is also very great when the motion of the shaft is suddenly reversed. I obviate all this strain on the shaft, save power, and make a lighter and easier running machine than has been heretofore made.

Figure 1 is a side view of my invention, and Fig. 2 is a cross-section.

My block A, for the pouncing-machine, is made of a thick strong piece of felt, fashioned

to conform to the shape of the hat to be pounced, whether round or oblong, and stiffened or hardened by glue or other suitable hardening compound, and the outer side is preferably varnished to make it smooth. The block A is made hollow, or as a shell, and has fitted to it a bottom or end piece, B, bored to receive a flanged collar, C, suitably attached by means of screws, and provided with a groove or spline fitted to receive or fit a spline or groove on the top of the usual vertical shaft of the pouncing-machine.

This hollow block, instead of being of felt, might be of leather-board properly hardened, of stiff paper, of woven material, of thin metal, or might be made as a thin shell of wood, the wood being in the shape of veneers or solid, the block being sustained at bottom against inward pressure by a bottom piece.

I claim—

A hollow hat-block formed of a felt or paper shell and a suitable supporting-base, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANCIS R. GOING.

Witnesses:

G. W. GREGORY,
L. H. LATIMER.