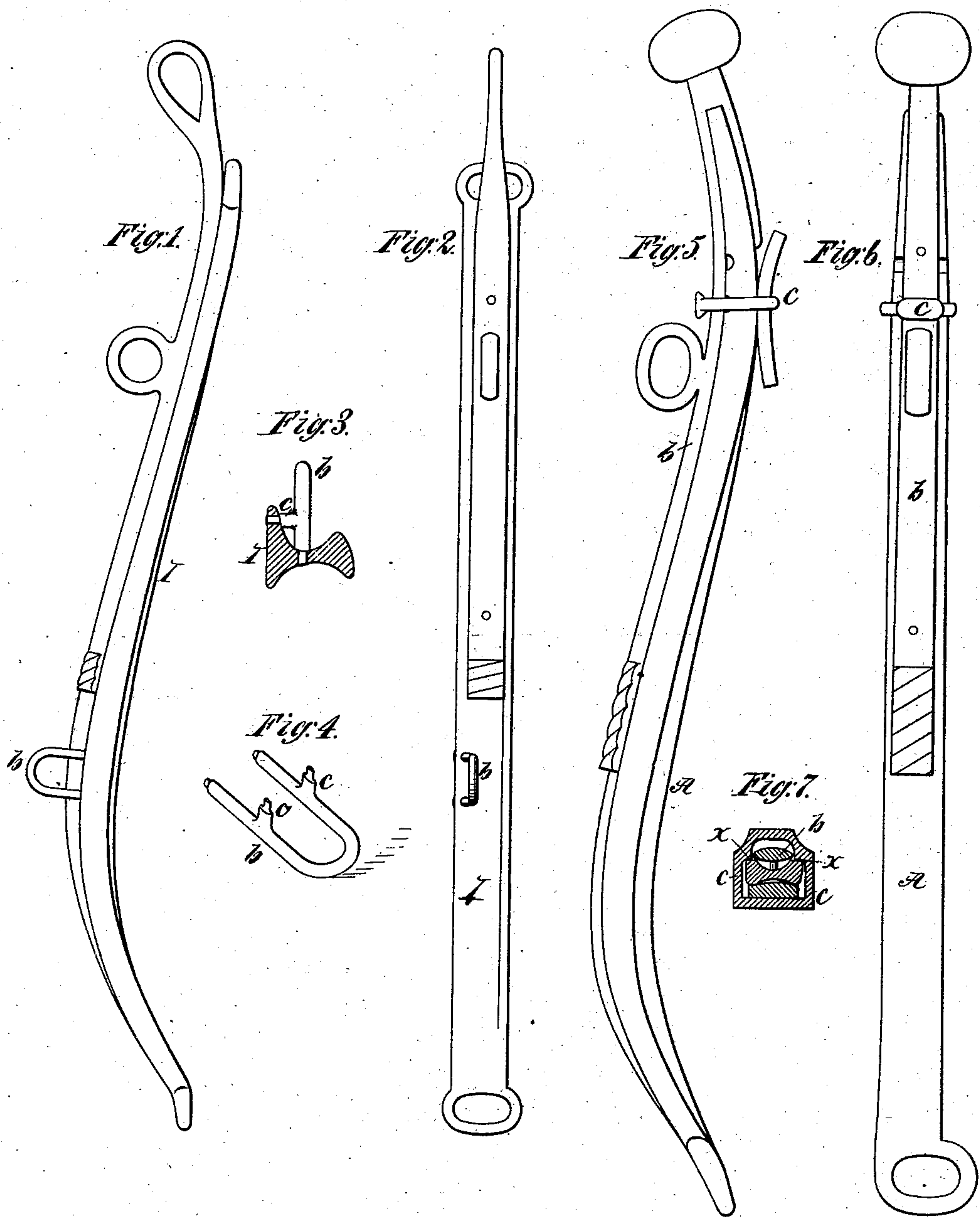


(No Model.)

J. G. EBERHARD.
HAME.

No. 260,549.

Patented July 4, 1882.



Witnesses;
C. C. Perkins
Jacob Felkel

Inventor;
J. G. Eberhard
By atty.
J. N. Mc Intire

UNITED STATES PATENT OFFICE.

JOHN G. EBERHARD, OF AKRON, OHIO.

HAME.

SPECIFICATION forming part of Letters Patent No. 260,549, dated July 4, 1882.

Application filed February 7, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. EBERHARD, of Akron, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Hames; and I do hereby declare that the following is full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this application.

My invention relates to certain new and useful improvements in metallic hames; and it consists, first, in a novel form of staple or draft-eye, and mode of combining the same with the hame; second, in a novel construction of strap-loop for "high-top" hames, adapted to bear only on the unornamented surface of the hame, all as will be hereinafter more fully set forth.

To enable those skilled in the art to fully understand and practice the several features of my invention, I will now proceed to more fully describe them, referring by letters to the accompanying drawings, in which—

Figures 1, 2, 3, and 4 are respectively a front view of a hame having applied to it the first part of my invention, a side view of the same, a cross-section of the same, (enlarged scale,) and a perspective view of the draft-staple detached. Figs. 5, 6, and 7 are respectively a front view, a side view, and a cross-section of a hame having applied to it the second part of my invention.

At Figs. 1 to 4, inclusive, I is a cast-metal hame, and *b* is a draft-staple applied thereto in the following manner: The staple *b* is made, as clearly shown, with laterally-projecting teats *c c* on its legs, which latter, as well as the teats, are adapted to pass through holes in the casting I and to have their ends upset to rivet them fast to said casting.

It will be seen that a staple formed and applied to the casting I in the manner shown will withstand the strain of the draft well and not be liable to pull out or work loose, because where the teats *c c* enter and bear on the casting I a fulcrum is created and the draft strain does not tend to pull out the riveted ends of the legs of the staple, and any strain that might act on the staple in the direction of the length of its legs will have any tendency to pull out said legs counteracted by the inserted teats *c c*. Thus the teats and

leg ends being both inserted and bearing on the casting I, the applied staple cannot easily be either pulled out or loosened, even if only made of malleable iron and merely riveted in, as shown.

At Figs. 5 to 7, inclusive, A is a cast-metal hame, having the plated or ornamental part *b* preferably made separate and riveted onto A. At *c* is applied the loop for the attachment of the usual securing-strap applied to the upper part of high-top hames. Heretofore the loop-like device *c* has been so made and applied that it would bear on the finished surface of the part *b*, and by abrasion wear and disfigure it for some distance up and down. I make the loop *c* of such a form, as shown, that while it takes a sufficient bearing at the points *x x* to answer all practical purposes, it cannot in operation come into contact at all with the ornamented or finished surface at *b*.

Of course the form shown may be varied according to the form and extent of the finished surface and according to the shape in cross-section of the hame casting or body A, the gist of this part of my invention being in a form such that while the loop can bear sufficiently and properly for the purposes of the fastening devices, it cannot touch and rub the finished part of the hame.

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

1. The draft-staple formed with laterally-projecting teats on its legs and adapted to be applied to a hame having two sets of holes arranged to receive the said teats and the ends of the legs of the staple.

2. The combination, with a hame having two sets of holes, of a draft-eye having teats on its legs, the combination being and operating as described.

3. In combination with a hame having a part of its outer surface finished or ornamented, a loop formed, substantially as described, so as to bear on the unfinished surfaces only of the hame, as and for the purposes set forth.

Witness my hand this 3d day of January, 1882.

JOHN G. EBERHARD.

In presence of—

E. W. JAITE,

T. R. BECKWITH.