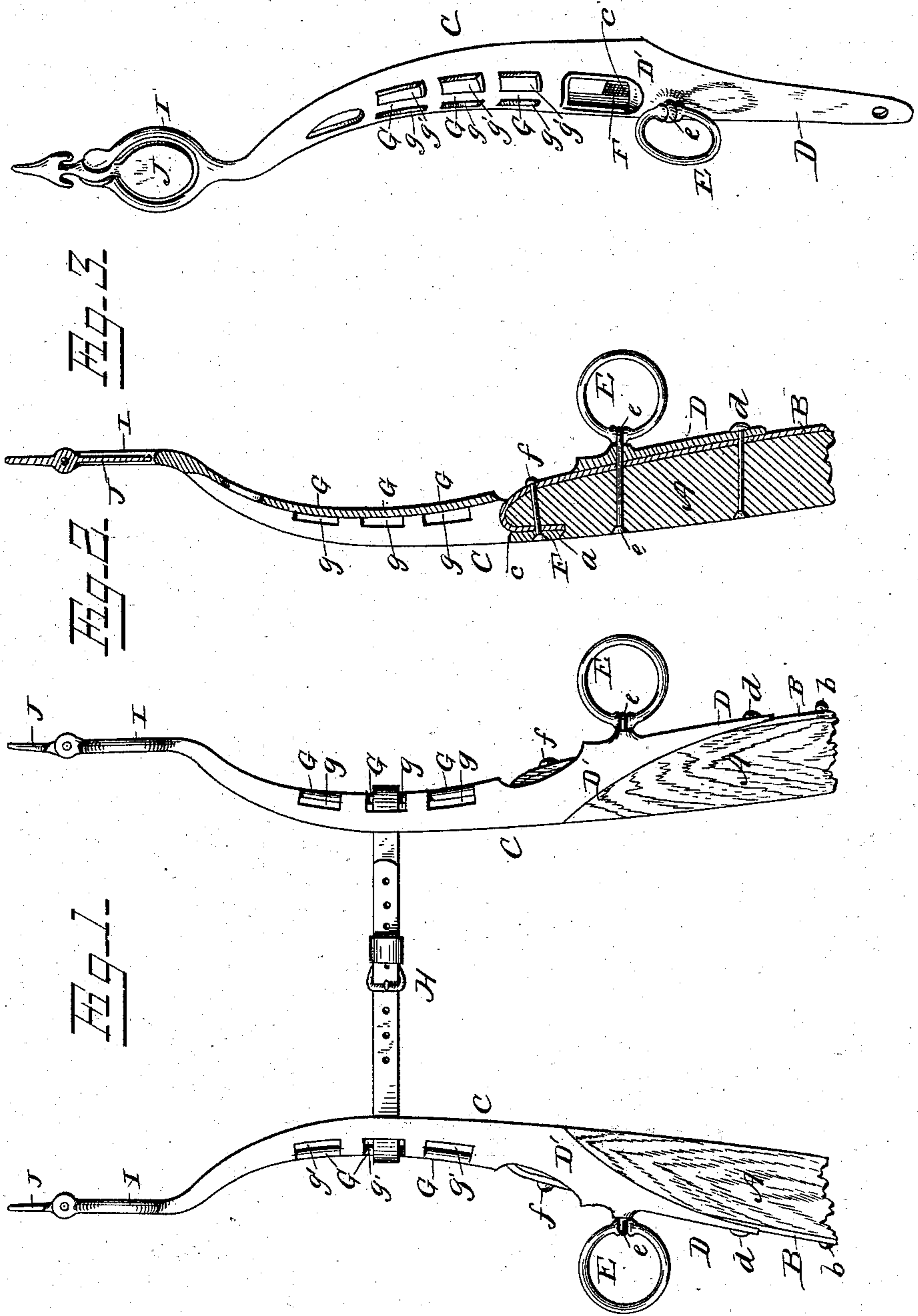


(No Model.)

A. WAGGONER.
HAME.

No. 282,245.

Patented July 31, 1883.



WITNESSES
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UNITED STATES PATENT OFFICE.

ALBERT WAGGONER, OF COLUMBUS, OHIO.

HAME.

SPECIFICATION forming part of Letters Patent No. 282,245, dated July 31, 1883.

Application filed May 1, 1883. (No model.)

To all whom it may concern:

Be it known that I, ALBERT WAGGONER, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a new and useful Hame, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to harness-hames; and it consists in certain improvements in the construction of the same, whereby I attain superior advantages in point of durability, inexpensiveness, and general efficiency.

In the accompanying drawings, Figure 1 represents a perspective view of my improved harness-hames. Fig. 2 represents a longitudinal section through one of the hames, and Fig. 3 represents a detail view of the hame-top detached.

Like letters refer to corresponding parts in all the figures.

Referring to the drawings, A designates an ordinary wooden harness-hame, having the hame-back iron B secured to one edge and passing around over the top of said hame. Rivets *b* are used to fasten the hame-back iron in position.

C designates the metal top, formed at the lower end with a blade or extension, D, and having curved side pieces, D', and an opening *c*, the upper end of the hame passing through the opening, and said side pieces embracing said hame, as shown. The blade or extension is secured to the hame by rivets or bolts *d*, which pass through both the hame and the hame-back iron. The line-ring E is attached to the blade by means of the ring-bolt *e*, which passes through the blade, hame-back iron, and hame. A cross-bar, F, connects the two side pieces, D', and fits within a groove or recess, *a*, in the upper portion of the hame, so that said cross-bar is flush with the edge of the hame. Bolts or rivets *f* pass through the hame-back iron and hame into the cross-bar, and thus the latter is secured to the hame. The metal top C, along its body portion, is formed of semicircular shape, and is provided with a series of vertical openings, *g g'*, forming a series of longitudinal bars, G, around any one of which the hame-strap H may be looped and secured. Thus I provide for a considerable variation in the size of the hames by simply adjusting the strap to or from the extremity of the metal top in order to adapt

it to collars of various sizes. At the upper portion of the metal top is a ring, I, in which is pivoted a metallic fly, J, arranged to revolve freely in said ring. The fly is constructed of any fanciful design and forms a desirable adjunct to the hame. The top may be cast of malleable iron or other suitable metal, and plated or otherwise finished to suit the taste.

My improved hame is neat, durable, inexpensive, and works with admirable efficiency.

I am aware that hames have been provided with devices for varying the size thereof; and I am also aware that a metal top has been attached to the upper part of a wooden hame and provided with a downward extension. I therefore do not claim either of the aforesaid constructions; but

What I claim as my invention is—

1. In a hame, the combination of the hame A, having the recess or groove *a*, and the hame-back iron B, passing over the upper end of said hame and secured in the groove, with the metal top C, having side pieces, D', embracing the ends of the hame, and cross-bar F, fitting within the groove *a* and connecting said side pieces, and the blade or extension D, extending down over the hame-back iron and secured with suitable bolts, substantially as shown and described.

2. In a hame, the combination of the wooden hame A, having the recess or groove *a*, and the hame-back iron B, passing over the upper end of said hame and secured in the groove, with the metal top C, semicircular in cross-section, having side pieces, D', embracing the ends of the hame, and cross-bar F, fitting within the groove *a* and connecting said side pieces, the blade or extension D, extending down over the hame-back iron, and bolts or rivets *d f*, for securing the hame-back iron and metal top together, said metal top being provided with a series of vertical openings, *g g'*, arranged in pairs, and forming bars G along its body portion, for the purpose substantially as set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

ALBERT WAGGONER.

Witnesses:

D. C. WELLING,
T. H. McCoy.