

J. Low,

Harness Hames.

N^o 7,265.

Patented Apr. 9, 1850.

Fig. 1

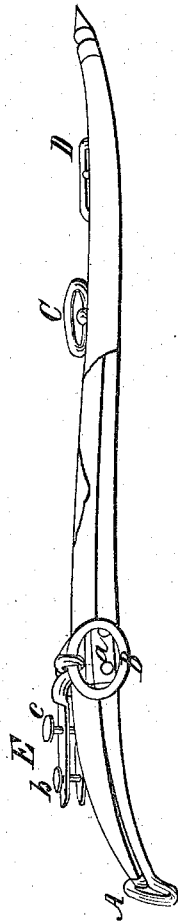


Fig. 2.



UNITED STATES PATENT OFFICE.

JOHN LOW, OF NEW BRITAIN, CONNECTICUT.

HARNESS-HAME.

Specification of Letters Patent No. 7,265, dated April 9, 1850.

To all whom it may concern:

Be it known that I, JOHN LOW, of New Britain, in the county of Hartford and State of Connecticut, have invented a new and useful Improvement in Horse-Hames; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, which make a part of this specification, in which—

Figure 1, is a perspective view of one part, or side, of the hames completely finished, and ready to be attached to the harness, Fig. 2 is a perspective view of the iron part of the body of one of the hames, showing the skelp as it appears when ready to have the wood inserted.

My improvement consists in making the whole of the outside of the hame of a single piece of wrought iron, drawn out into and turned as a skelp into which I fit a piece of wood of the proper shape, without any regard to quality, and turn or bend the edges of the skelp over it so that the edges of the skelp come directly together, completely covering, or inclosing the wood, and thus presenting an entire iron surface, ready to be finished, (or otherwise), as fancy &c., may direct.

I make the hames of the usual shape, as seen in Fig. 1, making the outside entirely of wrought iron, and filling them with wood, (made to the right shape,) of any quality; as the office of the wood is simply as a mold or model, to shape the outside while making, and preventing its getting bruised, or dented, afterward. I draw out the piece of iron in the proper shape, and turn the end to form the loop, A, Figs. 1 and 2, and weld the end in the ordinary way. I then bend, or turn, the skelp on a suitable form, into the shape seen in Fig. 2, when it is ready to receive the wood.

I take wood of any quality, indifferently,

and work it into the proper shape for the hame, (by bending, or otherwise,) I then insert the wood into the skelp and bend, or turn, the edges of the skelp over the wood, so that the edges of the skelp meet, perfectly inclosing the model, and presenting an entire iron surface. This iron surface may then be finished in any manner desired, as polished, japanned, bronzed, plated, or galvanized, or partly one and partly the other, as fancy, &c., may direct. I insert the shank of the staples for holding the rings, &c., B, C, D, Fig. 1, in holes made through the whole body of the hame, (transversely,) and rivet them in the common way, as seen at *a*, Fig. 1. The tug is to be attached to the strap or clasp, E, Fig. 1, by the rivets, *b*, and *c*, passing through them, in the common way, or a flat iron strap with a hook, may be used to accommodate trace chains, &c.

The advantages of my improvement over all former methods, consists, in their great strength, and durability, (as nothing but the iron surface comes to wear,) and in enabling me to use wood of any quality, however poor; and as the whole surface is iron, it is susceptible of receiving any kind of finish which may be desired, and the hames may be afforded at a much less price in proportion to their durability, elegance, &c., than any kind heretofore used, or known.

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

Making the hame of a single piece of wrought iron inclosing a piece of wood in such a manner as to present an entire iron surface, so that it may be readily finished in any convenient, or ornamental way, and in a durable manner, when the hame is constructed, substantially, as herein described.

JOHN LOW.

Witnesses:

DAVID B. MOSELEY,
R. FITZGERALD.