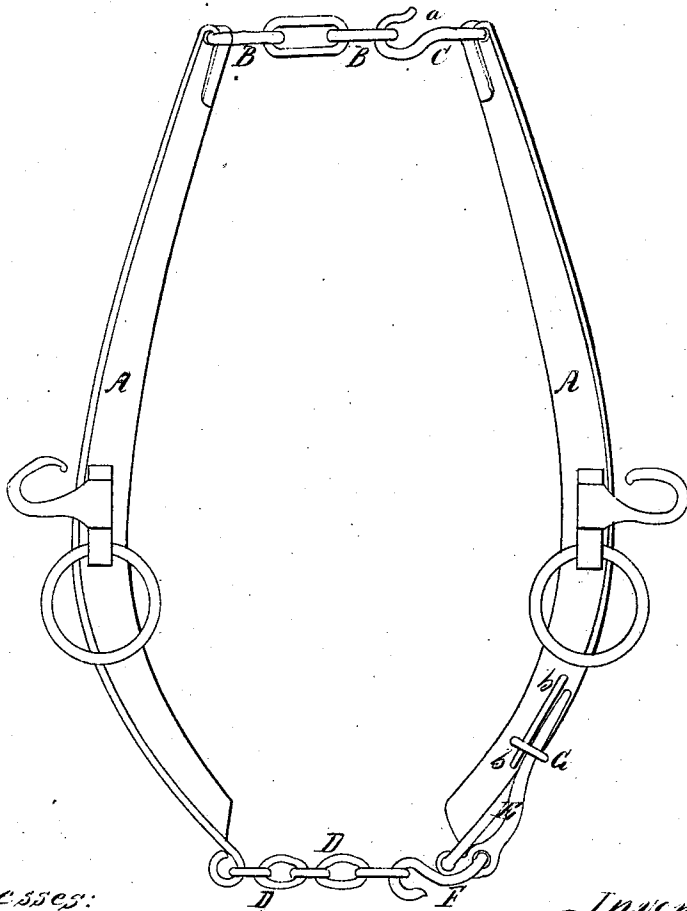


J. Clemons

Hames Fastener,

N^o 83,041.

Patented Oct. 13, 1868.



Witnesses:

*M. Corumb
a. Leclercq*

Inventor:

*J. Clemons
Per Brown, Corumb & Co
Attys*



DAVID CLEMONS, OF SCRANTON, PENNSYLVANIA.

Letters Patent No. 83,041, dated October 13, 1868.

IMPROVEMENT IN HAMES FOR HARNESS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, DAVID CLEMONS, of Scranton, in the county of Luzerne, and State of Pennsylvania, have invented certain new and useful Improvements in Hames for Harness; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a portion of this specification, which is a front view of a pair of hames made according to my invention.

The object of this invention is to enable the hames to be more readily attached to or detached from the collar of the harness, than is found practicable with the straps usually employed in securing the hames in place when in use, and furthermore, to insure greater strength in the connection of the hames, when thus attached to the collar, than is generally secured by the aforesaid straps; and to this end, the invention consists in the combination, with the lower ends of the hames, of a lever, hook, locking-ring, and chain, in such manner that the hames may be firmly clasped with any desired degree of tightness.

To enable others to understand the nature and construction of my invention, I will proceed to describe it with reference to the drawings.

The hames are shown at A, and may be of any suitable construction. Attached to the upper end of one of these, in any desired number, preferably three, of links B, the outermost one of which should be so placed as to occupy a horizontal position when the hames are attached to the collar of the harness. Pivoted in the corresponding end of the other hame is a hook, C, the opening, *a*, of which is at the upper side thereof.

Secured to the lower end of one of the hames A, preferably to that of the one furnished with the links

B, as just set forth, is a piece of chain, D, and pivoted to the corresponding end of the other hame is a lever, E, in the lower end of which is pivoted a hook, F. Attached to the same hame, in suitable proximity to the lever just mentioned, is a flattened staple, *b*, upon which is placed, so as to slide thereon, a ring, G, which being slipped over the long arm of the lever E, holds the same in a position nearly or quite parallel with the adjacent portion of the hame, as shown in the drawings.

In using the hames, the hook C is hooked into that one of the links B which will cause the upper ends of the hames to be situated at the required distance apart, and the said hames are placed upon the collar, which rests, of course, upon the neck of the horse in the ordinary manner, which being done, and the lever E being disengaged from the ring G, the hook F is hooked into the chain D at a greater or less distance, as may be required, from the end of the hame to which the said chain is attached, and the lever is brought back into position nearly or quite parallel with the hame to which it is pivoted, as hereinbefore fully set forth, thus straining the chain D tight, and bringing the hames snugly confined upon the collar, whereupon the ring G is slipped over or upon the long arm of the lever E, and thus holds or secures the hames upon the collar.

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

The lever E, hook F, and holding-ring G, in combination with the chain D and the lower end of the hames A, substantially as shown and described, and for the purposes specified.

Witnesses:

W. G. DOWD,
N. A. CORSON.

DAVID CLEMONS.