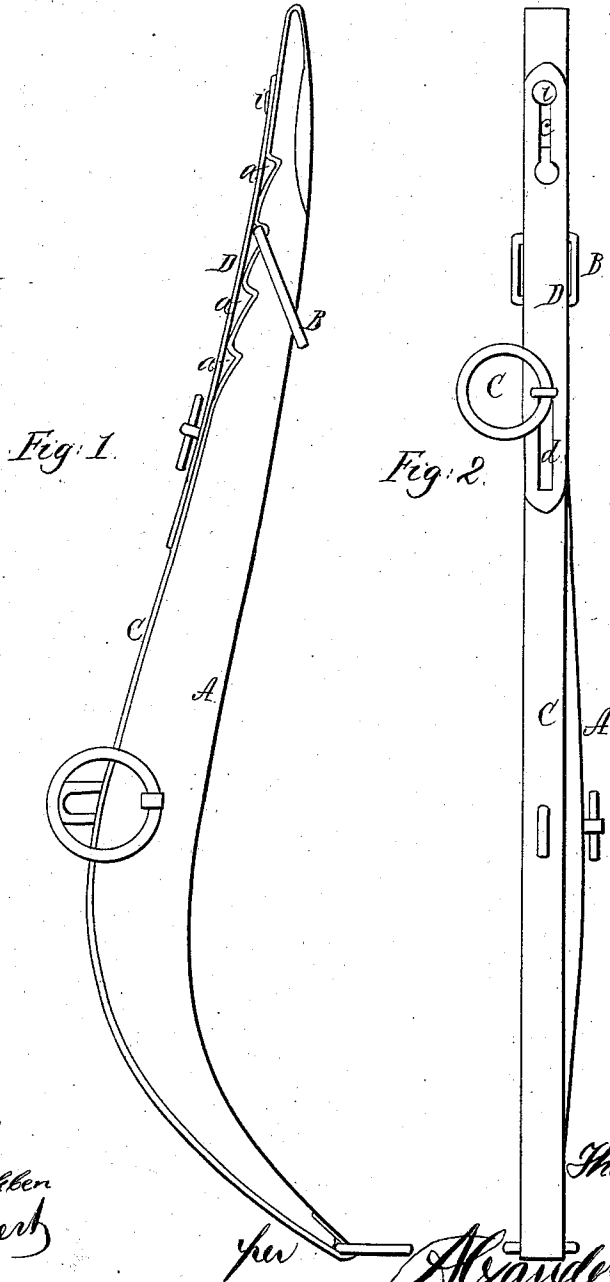


T. G. Brooks,

Harnes,

N^o 81,469.

Patented Aug. 25, 1868.



Witnesses:
Wm. H. H. H. H.
Leopold H. H. H.

Inventor:
Thomas G. Brooks

per Alexander H. H. H.
att'y.

United States Patent Office.

THOMAS G. BROOKS, OF ONEIDA, ILLINOIS.

Letters Patent No. 81,469, dated August 25, 1868.

IMPROVED HAMES.

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, THOMAS G. BROOKS, of Oneida, in the county of Knox, and in the State of Illinois, have invented certain new and useful Improvements in Hames; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the manner of fastening the hames together by means of notches on the outer sides thereof, and a ring passing around both hames, which ring is held in the place desired by means of a movable spring over the notches on the outside of the hame.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a front view, and

Figure 2 a side view.

A represents the hame, made of wood, and lined with metal, *b*, on their outer edge. The upper part of this metal plate or lining, *b*, is provided with a series of notches, *a a*, which notches are square on their lower side, but bevelled on the upper side.

The ring B, which passes around the two hames, is held in either of these notches by means of the spring D, this spring being slotted, so that it can be moved for the insertion of said ring B.

The lower slot, *d*, on said spring passes around the screw which fastens the ring *c*, through which the reins pass, and the upper slot passes around a headed pin, *i*, on the outside of the hame, said slot *c* being larger at its lower end, so that the spring can be taken off the headed pin *i*, when it is desired to entirely remove or put on the ring B.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The hame A, when provided with a notched plate, *b*, in combination with the slotted spring D, constructed as described, for the purpose of attaching the hames together by means of the ring B, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 23d day of May, 1868.

THOS. G. BROOKS.

Witnesses:

G. L. STEPHENSON,
EDWARD McAYEAL.