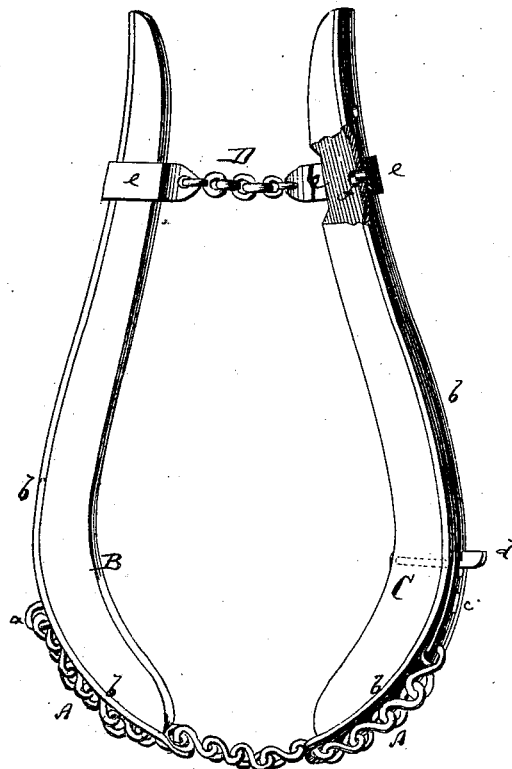


S. I. G. Niles,

Knife Fastener.

No. 107,528.

Patented Sept. 20, 1870.



Witnesses
M. Forlaender
G. S. Moore

Inventor
S. I. G. Niles
per Munn & Co
Attorneys

United States Patent Office.

SINCLAIR D. G. NILES, OF HELENA, ARKANSAS.

Letters Patent No. 107,528, dated September 20, 1870.

IMPROVEMENT IN HAME-FASTENINGS.

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, SINCLAIR D. G. NILES, of Helena, in the county of Phillips and State of Arkansas, have invented a new and improved Hame-Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

The drawing represents a face view of a set of hames, provided with my improved fastening.

My object in this invention is to provide an improved fastening for the hames of horse-collars, whereby they shall be made stronger, simpler, and more convenient than those now in use.

The invention consists in the arrangement of a chain and slotted plate with the metal sheathing and locking-key of the hames, in the manner hereinafter described.

A in the drawing represents the chain, which is secured with one end to the lower part of one, the left hame, B. It is secured by means of a staple, *a*, or equivalent fastening.

The chain for the purpose of connecting the hames B C is passed through the orifices formed near the lower end of the same, or through the perforated straps *b*, that line the hames, when such straps are used.

The free end of the chain carries a slotted plate, *c*, which is fitted upon a hook or catch, *d*, projecting

from the hames C, as shown in the drawing. This fastening is extremely simple, and readily applied or removed.

I connect the upper ends of the hames by means not claimed to be new. The same consists, principally, of a chain, D, whose ends are secured to links or loops *e e*, which embrace the hames.

Each loop *e* has a projecting pin, *f*, at its inner side, the said pin fitting into an aperture or notch provided for it on the hames or band *b*; thereby the chain D is supported at any desired height.

By providing a number of apertures or notches in the hames, for the reception of the pins *f*, the chain is made vertically adjustable, so it can be secured at any height.

Having thus described my invention,

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

The improved hame-fastening, consisting of the chain A, connected at one end to the hame B, by means of the staple *a* passing through the perforations in the ends of the metal straps *b b*, and provided at the other end with the slotted plate *c*, fitted upon the catch or hook *d* of the hames C, all as herein shown and described.

SINCLAIR D. G. NILES.

Witnesses:

R. N. BAILEY,
J. A. BUSH.