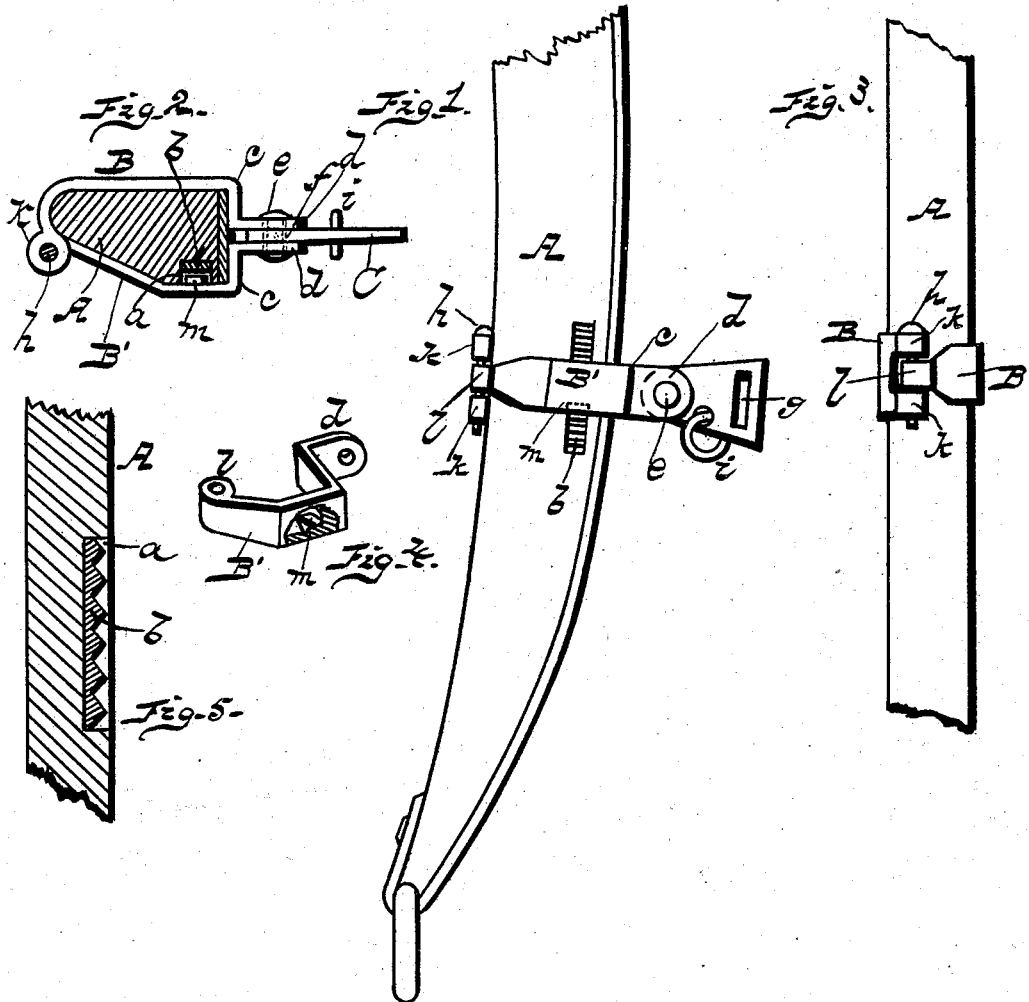


(No Model.)

R. F. RUSSEL.
HAME ATTACHMENT.

No. 384,084.

Patented June 5, 1888.



WITNESSES.

Jas. A. Arthur.
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UNITED STATES PATENT OFFICE.

ROBERT F. RUSSEL, OF ABILENE, KANSAS.

HAME ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 384,084, dated June 5, 1888.

Application filed January 21, 1888. Serial No. 261,457. (No model.)

To all whom it may concern:

Be it known that I, ROBERT F. RUSSEL, a citizen of the United States, residing at Abilene, in the county of Dickinson and State of Kansas, have invented certain new and useful Improvements in Attachments for Hames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention has relation to improvements in hames; and it consists in the novel construction and arrangement of a draft attachment, to which the forward end of a trace is connected, all as will be hereinafter fully explained, and particularly pointed out in the appended claim.

The annexed drawings, to which reference is made, fully illustrate my invention, in which—

Figure 1 represents a front or face view of my device. Fig. 2 is a cross-sectional view. Fig. 3 is an edge view. Fig. 4 is a perspective view of one of the plates, and Fig. 5 is a section of toothed plate.

Referring by letter to the accompanying drawings, A designates a hame of the ordinary construction, in which I form a recess, *a*, to receive toothed plate *b*, for a purpose hereinafter set forth.

B and B' represent metal plates, which are

formed to fit snugly or clasp the hame. The same are shouldered at *c*, having projecting ears *d*, through which passes a bolt, *e*, that also passes through a perforation, *f*, in the plate C, said plate having a slot, *g*, to which the end of a trace is attached and the holdback-ring *i*, and plays between the two ears *d* aforesaid.

The plates B B' are made vertically adjustable by removing the pin *h*, which passes through the eyes *k l* at the end of each plate, thus detaching said plates from the hame, and also withdrawing tooth *m* on one of the plates, when said plates can be adjusted up or down for a high or low draft, as may be desired. After adjusting the plates, the pin is reinserted through the eyes and locks the attachment to the hame, while the tooth prevents the same from moving in any direction.

What I claim is—

The within-described improvement in hames, consisting of the plates B B', one of which having the tooth *m*, and provided with the eyes *k l*, lugs or ears *d*, slotted plate C, having the ring *i*, the pin *h*, and toothed plate *b* within the recess *a* of the hame, the whole combined, constructed, and arranged as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ROBERT F. RUSSEL.

Witnesses:

THEODORE ST. PETER,
ZORAH DINSMORE.