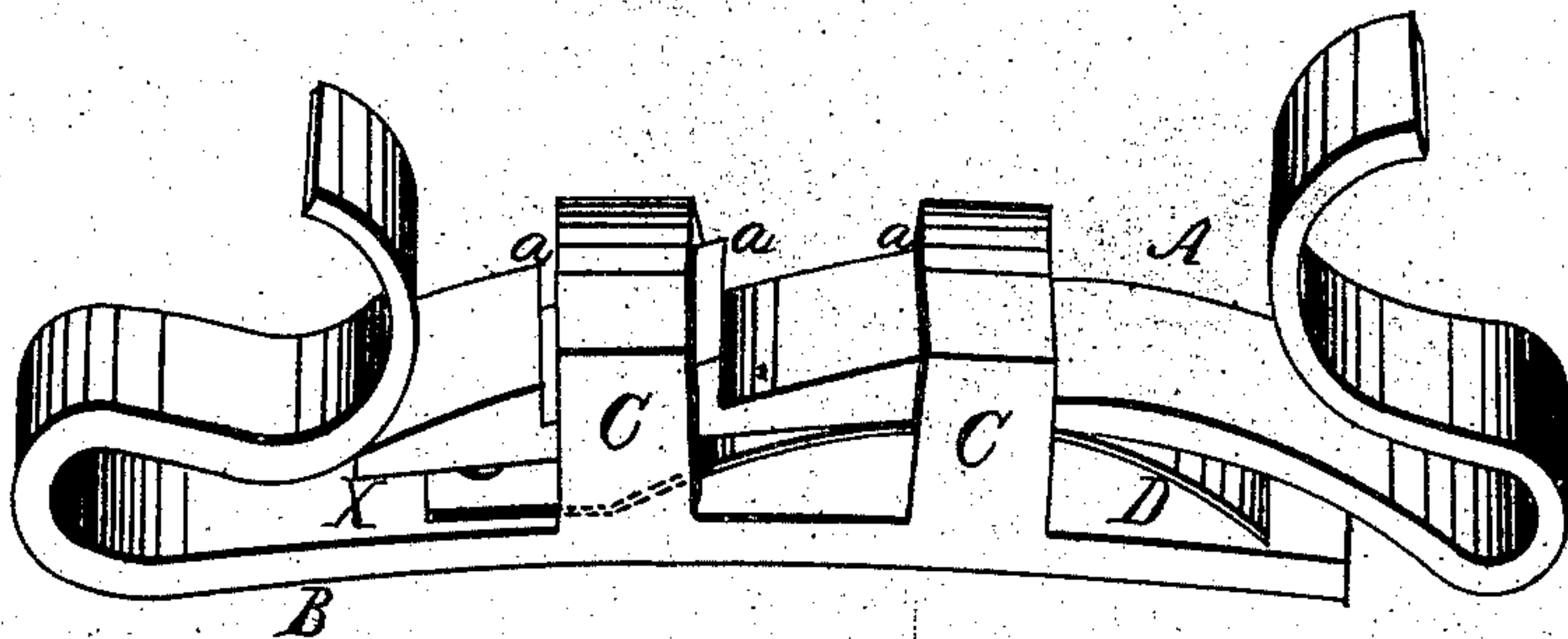


W. W. Palmer,

Home Fastener.

N^o 63,933.

Patented Apr. 16, 1867.



Witnesses.

J. D. Stockbridge.
A. A. Yeatman.

Inventor.

W. W. Palmer
Per
Alexander F. Mason.

United States Patent Office.

WILLIAM W. PALMER, OF HUDSON, MICHIGAN.

Letters Patent No. 63,933, dated April 16, 1867.

IMPROVED HAME-FASTENER.

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, W. W. PALMER, of Hudson, in the county of Lenawee, and in the State of Michigan, have invented certain new and useful improvements in "Hame-Fasteners;" 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.

In the annexed drawings, A and B represent two metallic bars, which form the two parts of the fastener, and each of which has one end bent or curved in the peculiar manner represented, whereby hooks are formed, which, when once caught in the hame, are not liable to easily escape. The bar B is provided with two loops or keepers C C, and also with a curved spring, D, which is pivoted or riveted to the bar within the keepers. The bar A is provided, as seen, with a series of shoulders, *a a a*, said bar being made narrow enough to pass easily through the loops or keepers C C with that end upon which the shoulders are formed. When the end *x* of bar A is passed into the loops or keepers the shoulders of this bar catch against the inner edges of the tops of the keepers, said bar being firmly pressed upwards by means of the spring D.

In using this fastener one of the bars is secured by its hook to each piece of the hame. The hame being properly adjusted on the animal, the wedge-shaped end *x* of the bar A is forced through the keepers, bearing down the spring to effect its passage. The shoulders *a*, catching upon the edges of the keepers, prevent the two parts from separating. To loosen this fastener the spring D is borne down, the shoulders disengaged from the edge of the keeper, and the bar A is drawn out.

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

The metallic bar B, with its keepers C C, and curved spring D, when used in combination with the bar A, in the manner and for the purposes specified.

In testimony that I claim the foregoing I have herewith set my hand and seal this 15th day of January, 1867.

WM. W. PALMER.

Witnesses:

LORENZO PALMER,
GEO. W. WHITBECK.