M. E. Burlingame,

Animal Shackle,

No. 49,081. Patented Aug. 1, 1865.

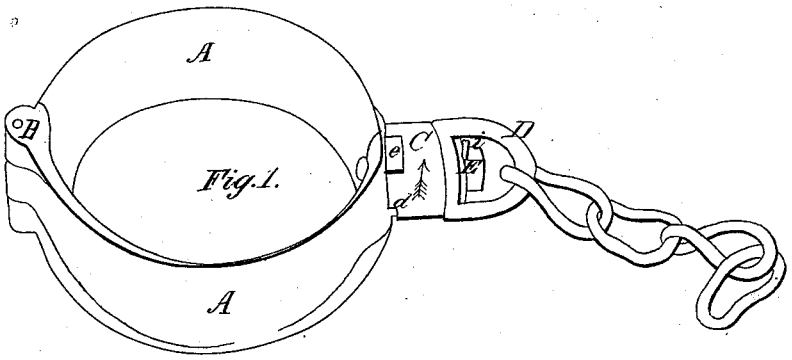


Fig. 1.

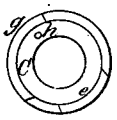
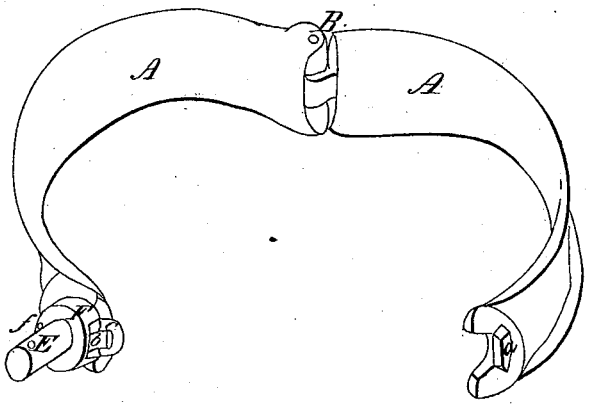


Fig. 3.

Fig. 4.

Fig. 2.



Witnesses.

John L. Dyer
John Miller

Inventor

M. E. Burlingame

UNITED STATES PATENT OFFICE.

M. E. BURLINGAME, OF WILLETT, NEW YORK.

FETTER FOR ANIMALS.

Specification forming part of Letters Patent No. **49,081**, dated August 1, 1865.

To all whom it may concern:

Be it known that I, M. E. BURLINGAME, of Willett, Cortland county, New York, have invented certain new and useful Improvements in Fastenings for Animal-Fetters and other Purposes; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, figures, and letters of reference thereon, making part of this specification.

Of the said drawings, Figure 1 is a perspective view of the fetter closed and fastened. Fig. 2 shows the same as open, with the chain and swivel detached. Figs. 3 and 4 show parts in detail.

Similar letters of reference indicate like parts in all the drawings.

In the country, horses, cattle, sheep, goats, &c., are temporarily placed in fields or inclosures where it is necessary to fetter them to prevent escape, jumping, or damage.

The object of my invention is to provide a simple, convenient, and effectual fastening for animals, which may readily be attached and detached.

The application herewith presented is for improvements on the Letters Patent granted me July 29, 1862, and which Letters Patent are now owned by me.

To enable others skilled in the art to make and use my invention, I will describe the construction and operation thereof.

A A represent halves of a ring of the proper size to grasp the foot of an animal just above the hoof, which are hinged together at B.

To the right half of the ring, Fig. 2, is cast a projection, *a*, and a recess, which recess fits a projection on the other half, *c*, while the part *a* fits a cavity, *b*, in the hub F. The left-hand half of Fig. 2 is cast with the hub F and pin E for the swivel D and fastening C.

In Fig. 1, at *d*, is a small projection cast to the half-ring A. The cap or fastening C is cut out, as shown in Figs. 1 and 3—the part *g* for the projection *d*, and *e* for the projection *a*.

The cap C has a hole cast therein to fit the pin E, and is cast hollow to receive and inclose the coil-spring, Fig. 4, one end of which is inserted in the hole *f*, Fig. 2, and the other in the hole *h*, Fig. 3, in the cap C. The cap C is then pressed down and the swivel D is inserted upon the pin E and secured by a pin and washer, *i*, as shown in Fig. 1.

The fetter is shown as fastened in Fig. 1, with a portion of chain to connect it with another fetter. To unfasten it the operator will grasp the piece C with the thumb and finger and force it in the direction of the arrow, Fig. 1, as far as it will go, (which is the distance cut out at *g*, Fig. 3, which fits *d*,) and the recess *e* will allow the projection *a* to pass through and open the ring A.

I claim—

In combination with the hinged ring A, the cap C and its spring, the whole constructed and operated substantially as described, and for the purposes set forth.

M. E. BURLINGAME.

Witnesses:

JOHN S. DYER,
JOHN MILLER.