

A. BARTLETT & A. J. BARTLETT, Jr.

ANIMAL WEANING-BIT.

No. 174,406.

Patented March 7, 1876.

Fig: 1.

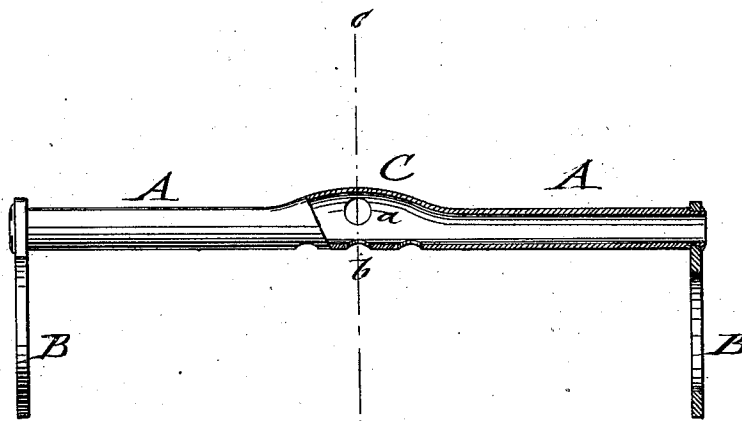
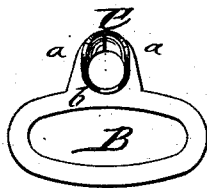


Fig: 2.



WITNESSES:

John Goethals
Alfred Lurcott

INVENTOR:

A. Bartlett
BY *A. J. Bartlett Jr.*
mmu
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALFRED BARTLETT AND ALFRED J. BARTLETT, JR., OF TOLEDO, IOWA.

IMPROVEMENT IN ANIMAL-WEANING BITS.

Specification forming part of Letters Patent No. **174,406**, dated March 7, 1876; application filed January 29, 1876.

To all whom it may concern:

Be it known that we, ALFRED BARTLETT and ALFRED J. BARTLETT, JR., of Toledo, in the county of Tama and State of Iowa, have invented a new and Improved Anti-Sucking Bit for Calves, &c., of which the following is a specification:

Figure 1 represents a sectional top view of our improved anti-sucking bit for calves; and Fig. 2, a vertical transverse section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved anti-sucking bit for calves, &c., which is not liable to be stopped up by hay or grass, and which allows the ready removing of the same without taking the bit out of the mouth of the animal.

The invention consists of a hollow anti-sucking bit, with central perforated swell, stationary end loops, and open ends.

In the drawing, A represents the anti-sucking bit, made of tubular shape, with stationary loops B in the ends in place of rings. A central swell or enlargement, C, of the bit is provided with perforations *a*, at opposite side of the same, which, in addition to holes *b*

at the inside of the bit, intermediately between the perforations *a* of the swell, prevent the entire stopping up of the bit by hay or grass, as one or the other of the holes will always remain open. The tubular bit A is open at both ends to allow the clearing out of the holes *b*, introducing a wire rod, without taking off the bit from the mouth of the calf. The open ends of the bit are outside of the stationary loops, so that the animal cannot get its mouth over the holes, and is thereby fully prevented from sucking.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A hollow anti-sucking bit for calves, &c., having a central perforated swell or enlargement, substantially as and for the purpose set forth.

2. A hollow anti-sucking bit for calves, provided with stationary end loops and open ends, for the purpose described.

ALFRED BARTLETT.

ALFRED J. BARTLETT, JR.

Witnesses:

FELIX T. KUEN,

ANGELL J. HASSELL.