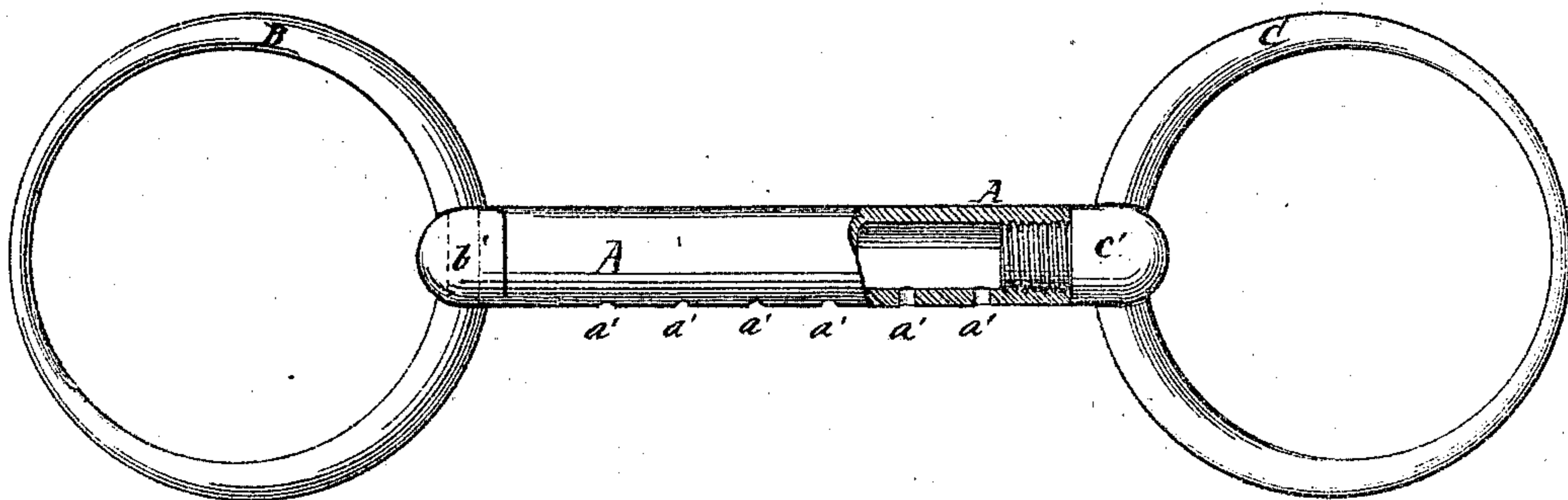


# *A. Vanauken. Bridle Bit.*

No. 120,913.

Patented Nov. 14, 1871.



Witnesses:

*A. W. Almqvist*  
*Wm H. C. Smith.*

Inventor:

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PER

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# UNITED STATES PATENT OFFICE.

ALBERT VANAUKEN, OF LUDLOWVILLE, NEW YORK.

## IMPROVEMENT IN BRIDLE-BITS.

Specification forming part of Letters Patent No. 120,913, dated November 14, 1871.

*To all whom it may concern:*

Be it known that I, ALBERT VANAUKEN, of Ludlowville, in the county of Tompkins and State of New York, have invented a new and useful Improvement in Bridle-Bit; 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 a part of this specification, in which the figure is a side view of my improved bit, part being broken away to show the construction.

My invention relates to hollow bridle-bits, perforated to allow a melted substance to exude therethrough; and consists in the improved construction hereinafter described and subsequently pointed out in the claim.

A is the mouth-piece of the bit. B and C are the rings into which the headstall-straps and the reins are buckled. The mouth-piece A is made hollow to receive the medicine, and has a number of small perforations, *a'*, formed through its

side through which the dissolved medicine or the vapor of the medicine may escape into the horse's mouth. The rings B C are pivoted to plugs *b' c'*, one of which, as *b'*, may be permanently attached to the end of the mouth-piece A. The other plug *c'* has a screw-thread cut upon it to screw into a screw-thread cut in the inner surface of the end of the mouth-piece A to enable the said plug *c'* to be conveniently detached when required for the insertion of the medicine. If desired both the plugs *b' c'* may be screwed into the ends of the mouth-piece A.

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

A perforated tubular bridle-bit, having its ends closed by screws formed on or attached to the cheek-pieces, as and for the purpose specified.

ALBERT VANAUKEN.

Witnesses:

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(72)