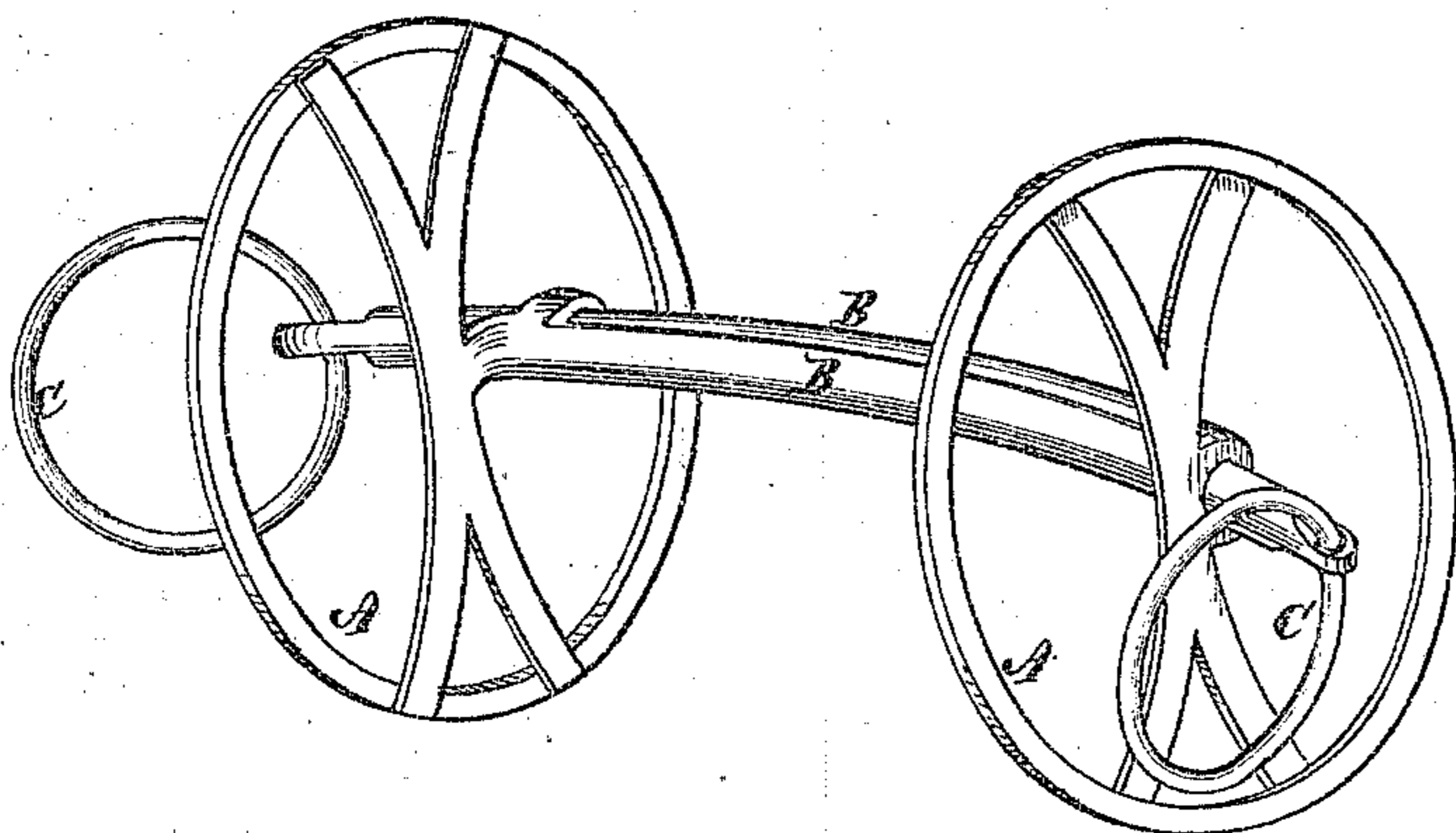


H.M. Cornell.

Combination Lever Bridle-Bit.

No. 120,860.

Patented Nov. 14, 1871.



Witnesses.

E. Butler.
H. A. Stacy.

Inventor.

H. M. Cornell.

UNITED STATES PATENT OFFICE.

HENRY M. CORNELL, OF BRIGHTON, ILLINOIS.

IMPROVEMENT IN COMBINATION-LEVER BRIDLE-BITS.

Specification forming part of Letters Patent No. 120,860, dated November 14, 1871; antedated November 11, 1871.

To all whom it may concern:

Be it known that I, HENRY M. CORNELL, of Brighton, in the county of Macoupin and State of Illinois, have invented certain new and useful Improvements in Bridle-Bits; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making part of this specification and to the letters of reference marked thereon.

Like letters indicate like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it and the manner of its operation.

The drawing represents my improved bit in perspective.

The invention relates to improvement in lever-bits; and consists in forming the bit of two parts fitted together so as to form a single round bit, and arranged to slide one upon the other so that tension on the reins will cause them to extend laterally from the animal's mouth while the bars or loops into which the reins buckle will be drawn toward each other.

First, to the center of a metal bar, A, I attach one end of a slightly-curved rod or lever, B, of sufficient length for the mouth-piece of a bridle-bit, forming a piece similar in shape to the letter

T. Immediately adjoining the connection of the bar A and the lever B I make an opening or loop-hole through the bar A of sufficient size to admit the free passage or sliding backward and forward of a similar lever, B. I then make a duplicate of this T-shaped piece and place the two together by passing the disconnected end of each lever B through the loop-hole in the other bar A. To the extreme end of the levers B B I attach a ring, C C, to which is fastened a strap or bridle-rein. By placing the levers B B in the mouth of the animal the bars A A will be on each side of the mouth. A draw or pull by the reins fastened to the rings C C in the ends of the levers B B will draw the bars A A as close together as the animal's mouth will permit, producing a strong pressure, and at the same time make a double-extension lever of the rods B B.

Having thus described my invention and the manner of its operation, what I claim is—

The levers B B, forming, when put together, a single round bit, each provided at one end with a loop through which the other passes, and connected with the bars A A, as specified.

H. M. CORNELL.

Witnesses:

E. BUTLER,
H. A. STACY.

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