

(No Model.)

J. E. YOUNG.

THIMBLE SKEIN.

No. 367,773.

Patented Aug. 2, 1887.

Fig. 1.

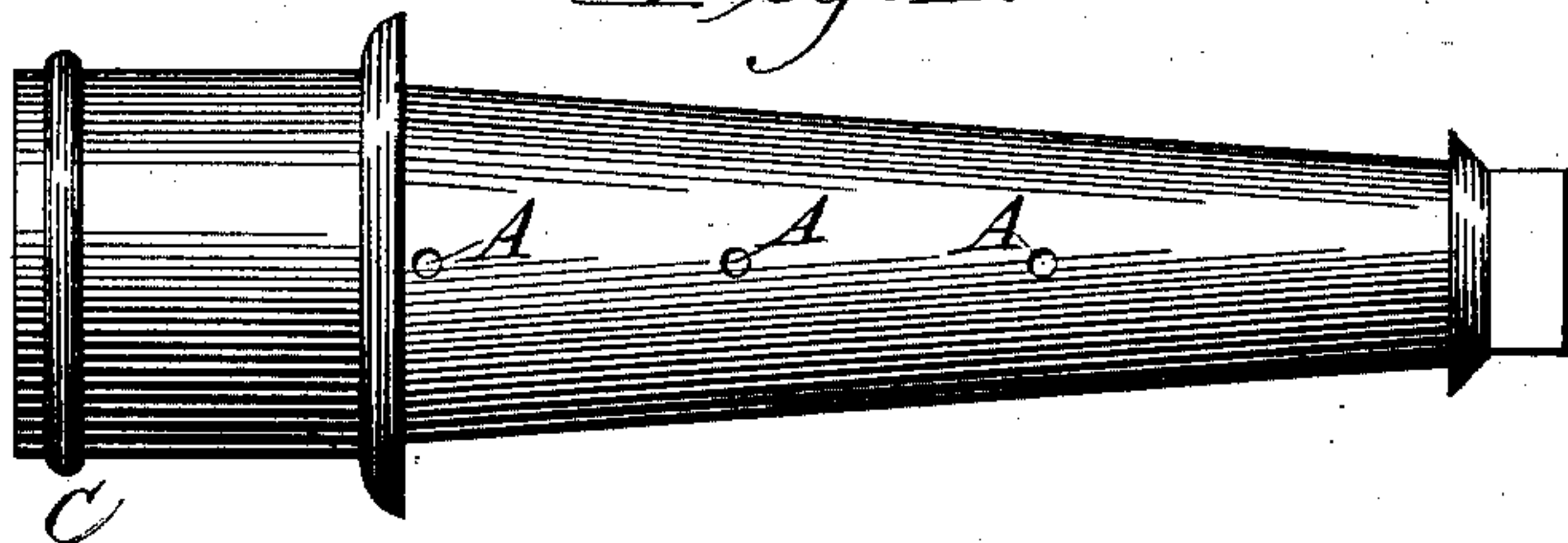


Fig. 2.

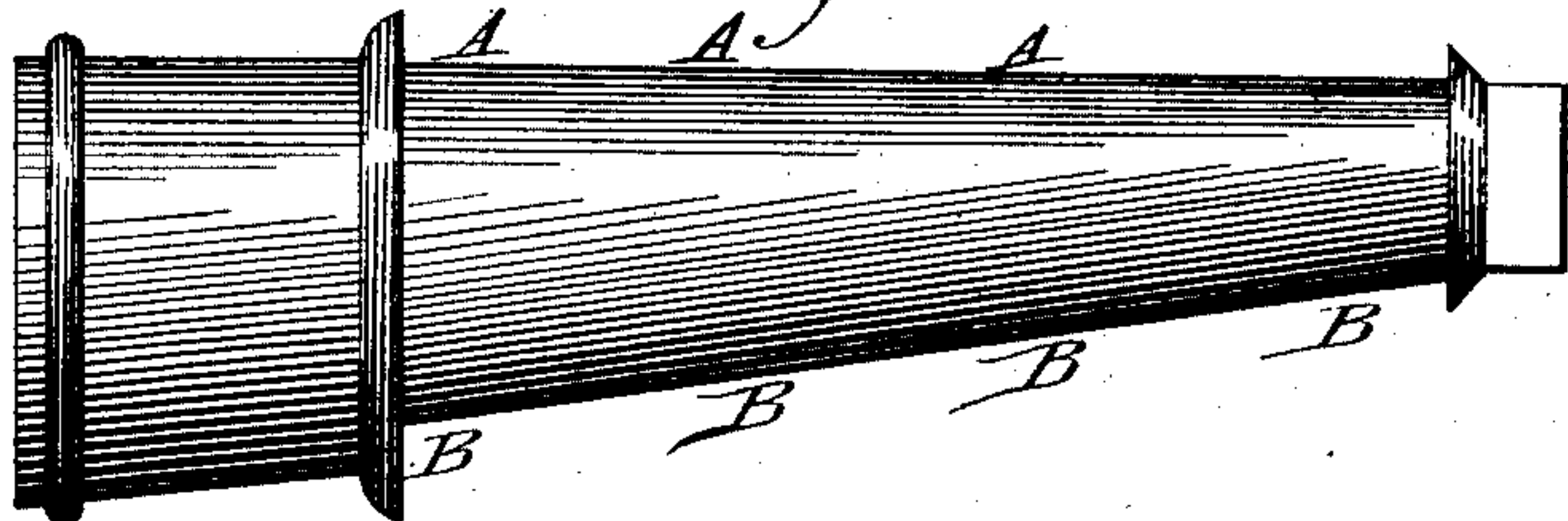
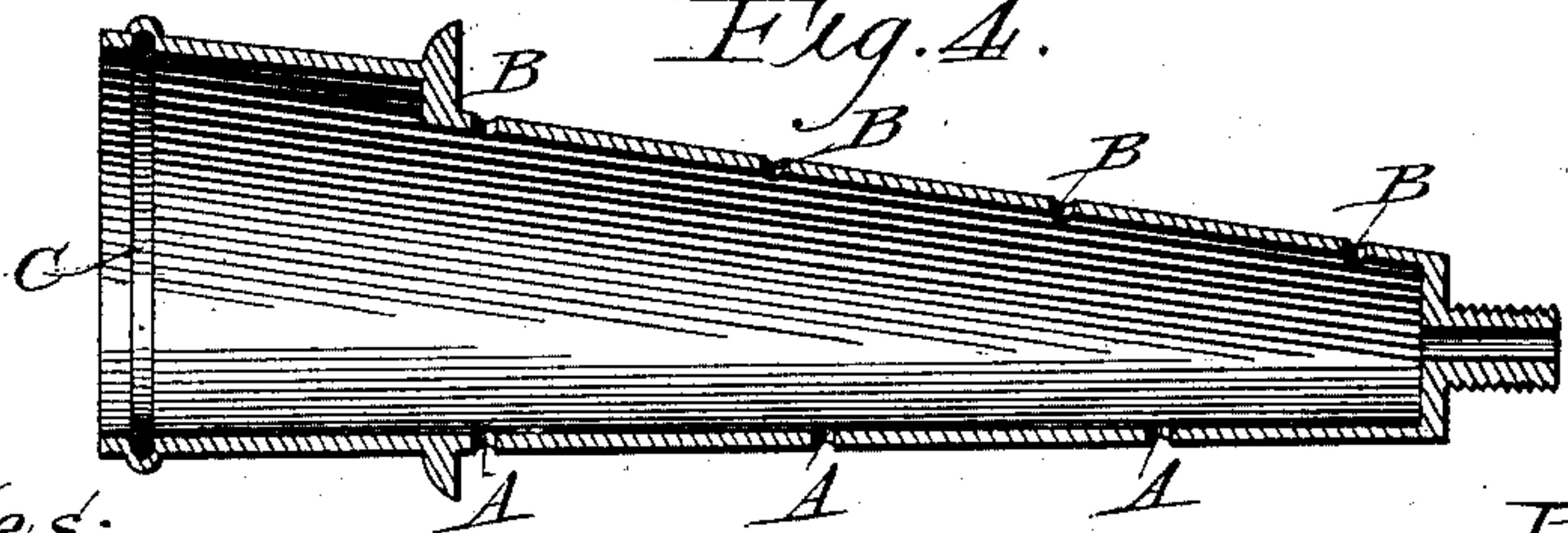


Fig. 3.



Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN E. YOUNG, OF AMERICA CITY, KANSAS.

THIMBLE-SKEIN.

SPECIFICATION forming part of Letters Patent No. 367,773, dated August 2, 1887.

Application filed July 6, 1886. Serial No. 207,252. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. YOUNG, a citizen of the United States, residing at America City, in the county of Nemaha and State of Kansas, have invented an Improvement in Thimble-Skeins, of which the following is a specification, reference being had to the accompanying drawings, forming part thereof.

Figure 1 is a view of the under side of skein; Fig. 2 a side view, Fig. 3 a top view, and Fig. 4 a vertical sectional view, of same.

The object of my invention is to preserve that portion of the wood axle embedded in the skein by allowing the oil, grease, or other wood-preserving material used in lubricating the skein to come in contact with that portion of the wood axle directly underneath the iron of the skein, and holding it there, as hereinafter described, thereby excluding air and moisture.

To carry my invention into effect, I perforate that portion of the skein covered by the box with a hole or several holes, as shown in the accompanying drawings at A a a a and B B B B, on two or more sides of the skein, the number and size of holes to depend upon length and size of skein. I also further exclude the air and moisture from that portion of the axle embedded in the skein by having formed in the inner surface skein, near the back end and running entirely around the skein, a circular or other form of groove, as

shown at C in the several figures, in which is inserted a ring or collar of rubber, asbestos, oakum, or other non-absorbing material, thus preventing the oil or other material used in lubricating from passing out between the wood axle and iron skein.

I am aware that perforated thimble-skeins have been used prior to my invention; but I am not aware that such skeins have ever been provided in the manner and for the purpose herein described with circular or other form of groove in the inner surface near the back end, in which to place a ring of rubber or other non-absorbing material.

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

1. A thimble-skein for wooden axles, having an internal peripheral groove near its inner end adapted to receive a packing-ring, as and for the purpose described.

2. A thimble-skein for wooden axles, having one or more holes through its sides to permit the passage of oil or lubricating material to the wood within to preserve it, and having also near its inner end an internal peripheral groove to receive a packing-ring, as and for the purpose described.

JOHN E. YOUNG.

Witnesses:

W. H. DENNY,
J. W. NEFF.