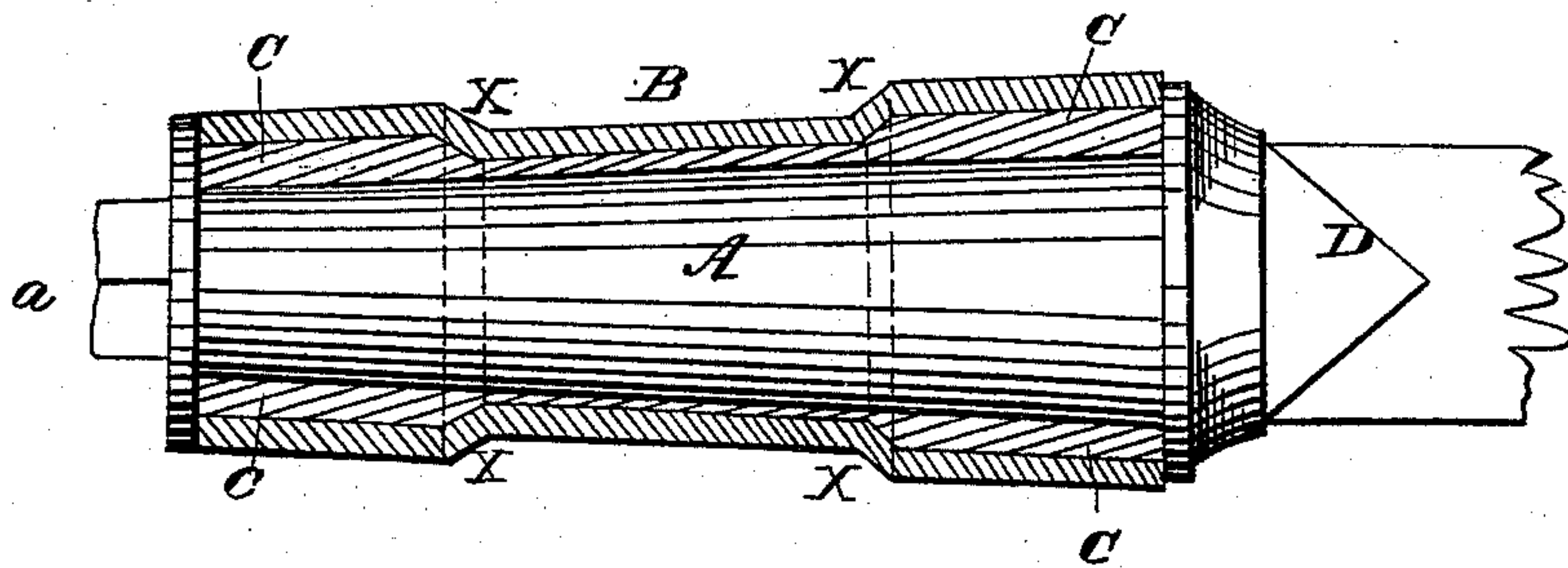


PEARNE & COVILLE.

Axle Box.

No. 79,916.

Patented July 14, 1868.



Witnesses

A. A. Yeatman
Comelius

Inventor

Benjamin M. Porne

per

Alexander F. Mason

Atty.

United States Patent Office.

BENJAMIN M. PEARNE AND LEROY COVILLE, OF OXFORD, NEW YORK.

Letters Patent No. 79,916, dated July 14, 1868.

IMPROVEMENT IN AXLE-BOXES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, BENJAMIN M. PEARNE and LEROY COVILLE, of Oxford, in the county of Chenango, and in the State of New York, have invented certain new and useful Improvements in Axle-Boxes; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

In the annexed drawings, A represents an ordinary axle, either of wood or metal, having a suitable screw on its outer end, upon which is the nut *a*, which secures the axle-box B.

D represents the usual collar, forming a shoulder, at the inner end, to secure the box at this point.

The box B has a central depression, as seen at *x*, where the same fits closely around the axle. The outer and inner ends of said box are somewhat larger in circumference than the axle, between which are placed leather, raw hide, rubber, or other suitable bands, other than metal. These bands are inserted to prevent noise, avoid friction, and obviate the usual wearing of the box, and thereby becoming loose.

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

The combination of the metallic box B and bands C C with the axle A, when said box has a central depression, and is enlarged at each end for the bands, as set forth.

In testimony that we claim the foregoing, we have hereunto set our hands and seals, this 31st day of August, 1867.

BENJAMIN M. PEARNE. [L. S.]
LEROY COVILLE. [L. S.]

Witnesses:

S. BUNDY,
SAM. S. STAFFORD.