

S. H. EVERETT.

Lubricating Bush.

No 57,695.

Patented Sept. 4, 1866.

Fig. 1.

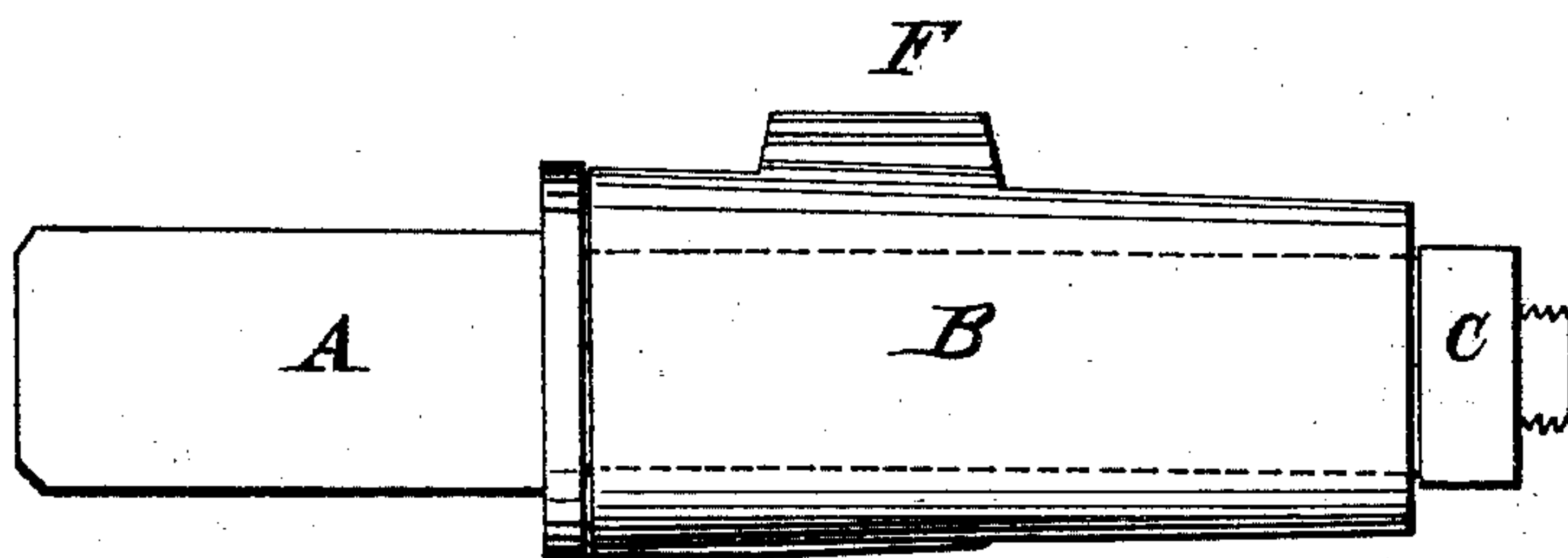
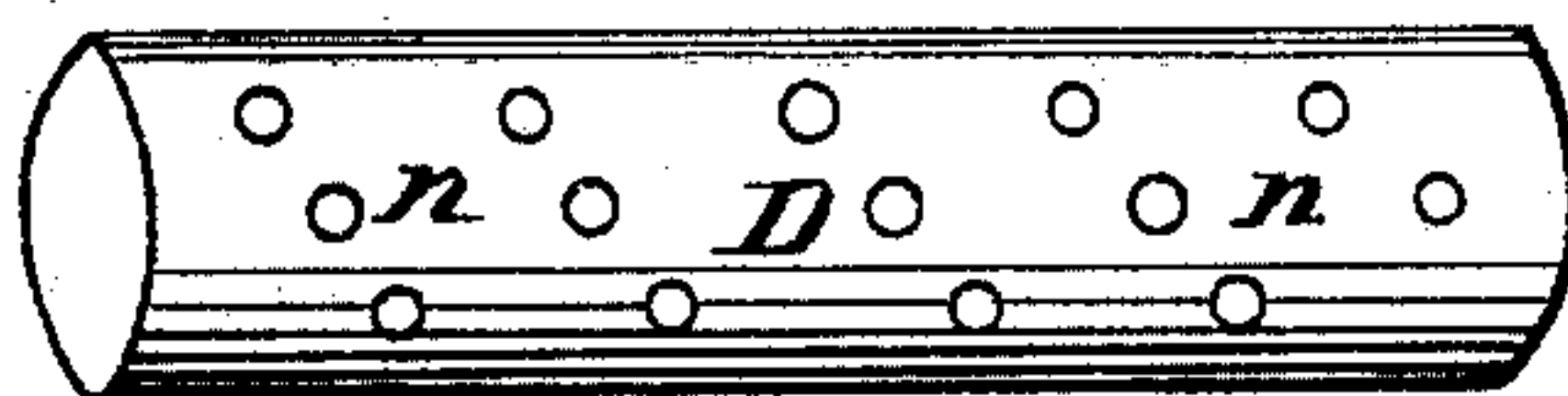


Fig. 2.



Witnesses:

N. B. Rees
Thos D. Mitchell

Inventor:

Sydney H. Everett

UNITED STATES PATENT OFFICE.

S. H. EVERETT, OF MILTON, OHIO.

IMPROVED LUBRICATING - BUSH.

Specification forming part of Letters Patent No. 57,695, dated September 4, 1866.

To all whom it may concern:

Be it known that I, SYLVESTER H. EVERETT, of West Milton, in the county of Miami, in the State of Ohio, have invented a new and Improved Lubricating-Bush; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings; and to the letters of reference marked thereon.

The nature of my invention consists in providing a loose bush used between the axle and the boxing for the purpose of lubrication.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 represents a perspective view of the axle and box. Fig. 2 represents a perspective view of the bush.

A represents the axle; B, box having a prominence, E; and C, nut, the whole being constructed in the usual mode of constructing carriage boxes and axles; D, a thin metallic bush having orifices *n n* for the passage of the oil, and it is placed between the box and axle, as indicated by dotted lines, and against which surfaces it moves freely.

The object sought is to have a more extended surface for the oil, and also to have the necessary movement take place where the surface is best lubricated. Thus, if the axle became dry, the box would move about the bush, and, if the box became dry, the bush would move with the box around the axle. The surfaces of the bush, and those of the box and axle, will retain more oil than boxes usually do. The ultimate object is to prevent wear, and save the necessity for frequent oiling. These bushes may be applied to machinery.

What I claim as my invention, and desire to secure by Letters Patent, is—

The lubricating-bush D, having orifices *n n*, or their equivalents, when used in carriage-boxes, or in bearings for machinery, in the manner substantially as described, and for the purposes specified.

SYLVESTER H. EVERETT.

Witnesses:

A. B. REEVES,
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