

W. P. White.
Axle Lubricator
Nº 71,101. Patented Nov. 19, 1867.

Fig: 1.

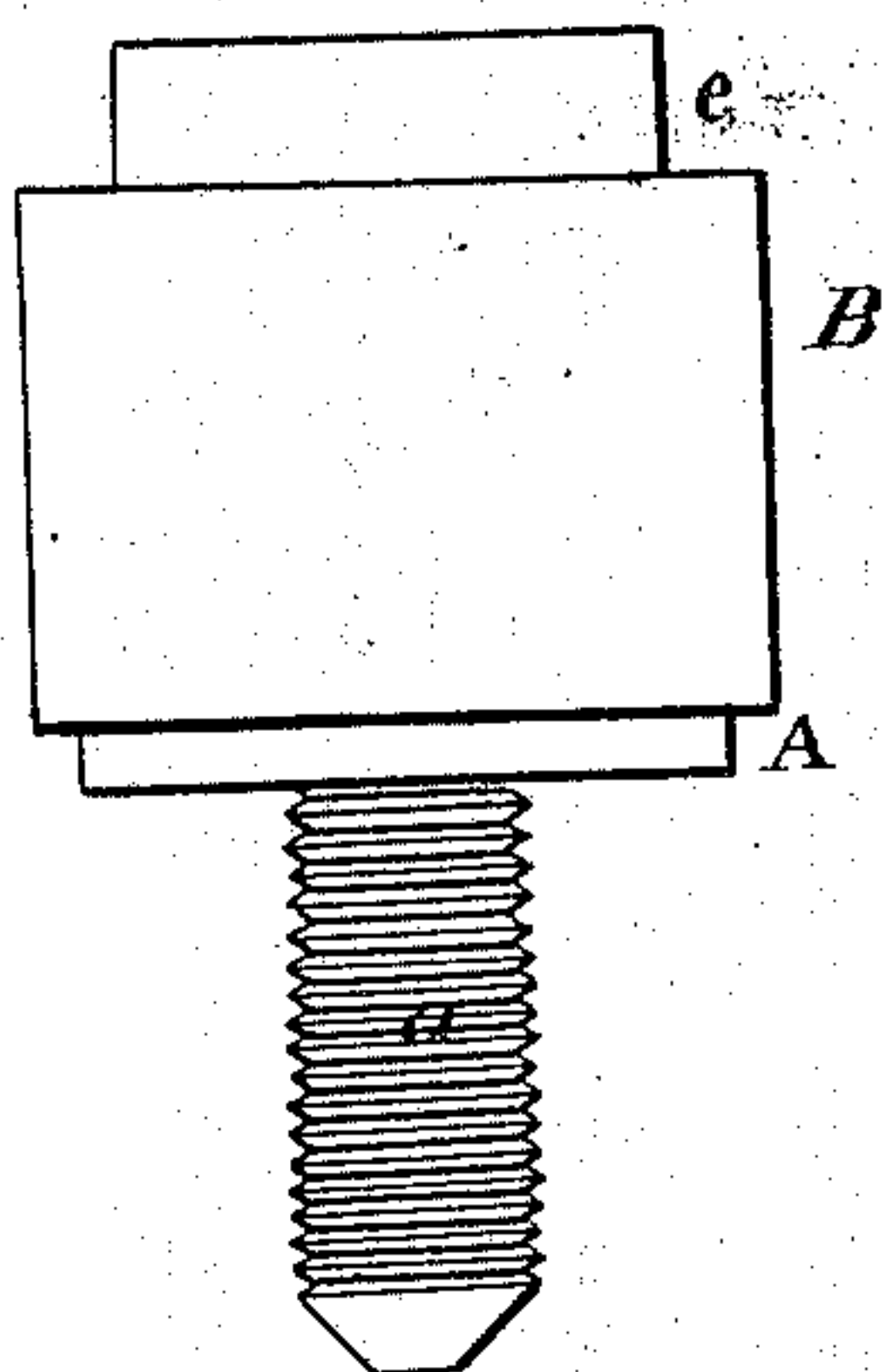
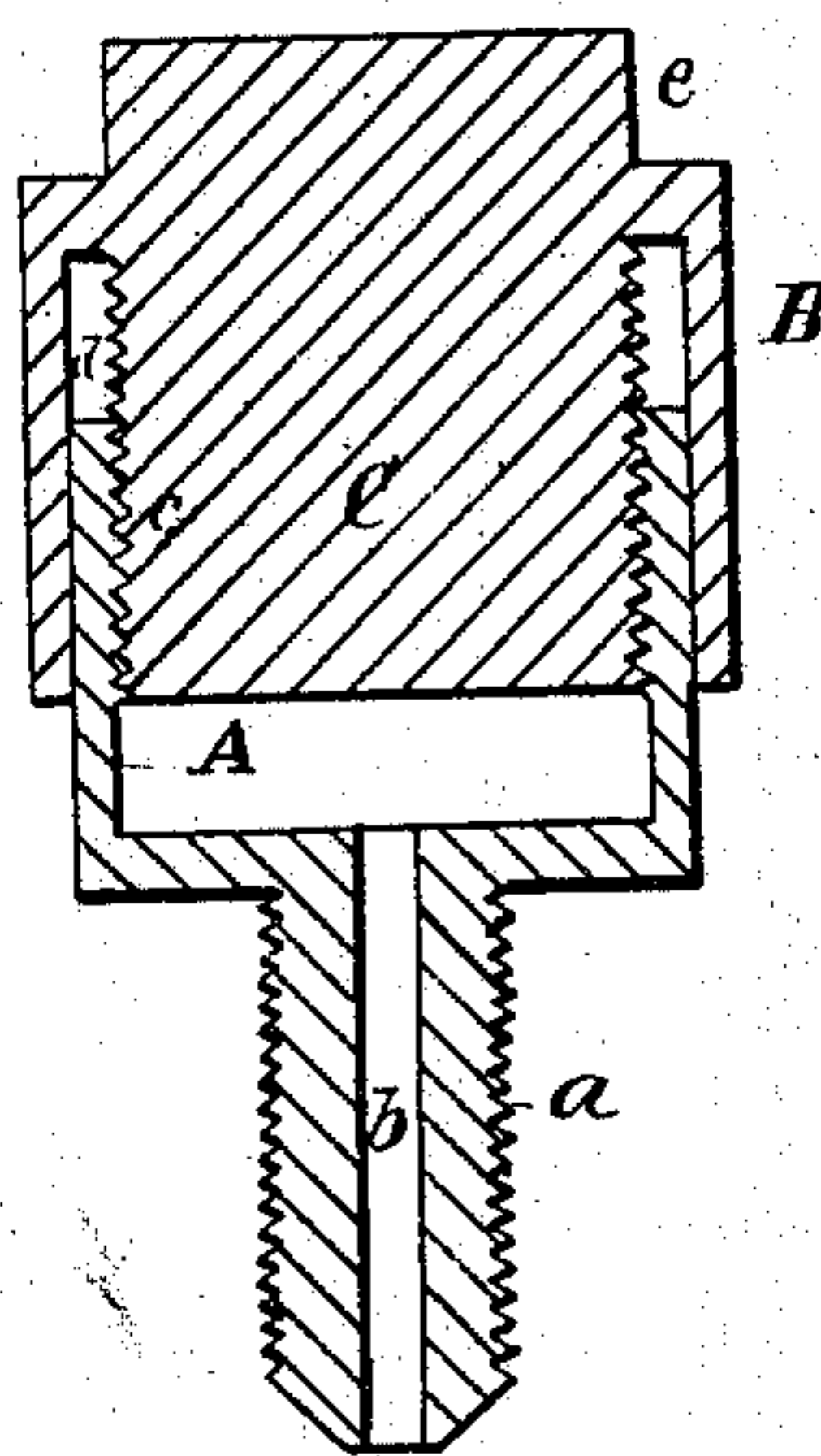


Fig: 2.



Witnesses
S. N. Piper
Asst. J. Mallon

Willard P. White.
by his attorney
R. H. Eddy

United States Patent Office.

WILLARD P. WHITE, OF ORLAND, MAINE.

Letters Patent No. 71,101, dated November 19, 1867.

IMPROVEMENT IN LUBRICATOR FOR CARRIAGE-WHEEL BEARINGS.

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

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME:

Be it known that I, WILLARD P. WHITE, of Orland, in the county of Hancock, and State of Maine, have invented a new and useful Apparatus for Greasing the Wheel-Bearing of a Carriage; and I do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a side view, and

Figure 2 a vertical section of it.

In such drawings, A denotes a cylindrical cup, provided with a male screw, *a*, extended from its bottom, and having a hole, *b*, made axially through it. The said cup also has a cylindrical cover, B, to embrace and fit upon it, in manner as represented in fig. 2. A female screw, *c*, is cut within the cup to receive a male screw, *d*, formed on a plunger or cylinder, C, extending down from the cover in manner as exhibited in said fig. 2. The cover of the cup may have a cylindrical or prismatic extension, *e*, to enable a wrench or other proper implement to be applied to the cover for the purpose of revolving it, in order to either screw the plunger into the cup or unscrew it therefrom, as occasion may require.

The apparatus so made is to be screwed into the hub of a wheel by means of the screw *a*, whose aperture *b* is to communicate with the box of the hub in such manner that when oil or grease may be within the cup, such oil or grease, by screwing the plunger down into the cup, may be forced out of the cup and into the wheel-box for the purpose of keeping it and the journal lubricated or greased.

I claim the wheel-greasing or lubricating apparatus as described, that is, as composed of the cylindrical cup A, the cover B, and the plunger C, with their connection-screws *c d* and discharge-passages *b*, or the same and the screw *a*, the whole being arranged substantially as explained.

WILLARD P. WHITE.

Witnesses:

W. T. EMERSON,

O. P. DORR.