

P. White,

Spindle.

No. 99,800

Patented Feb. 15. 1870.

Fig. 1.

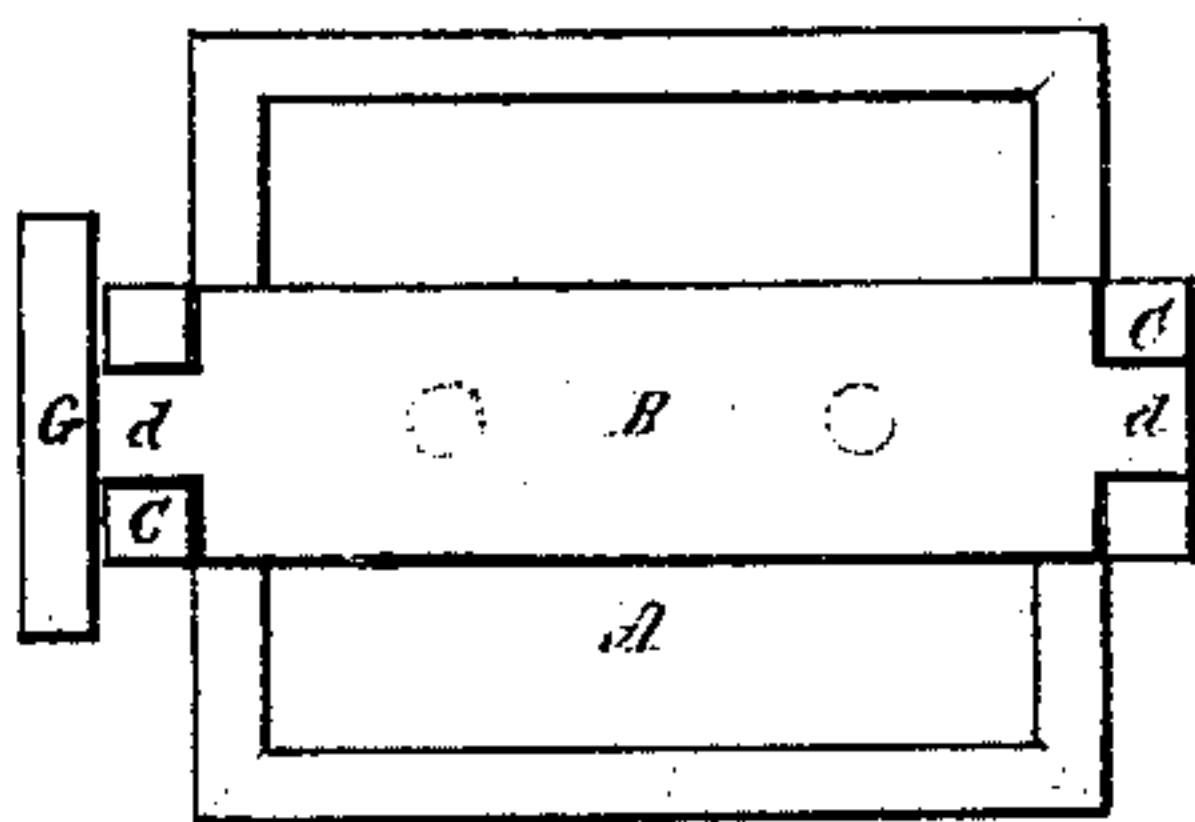


Fig. 2.

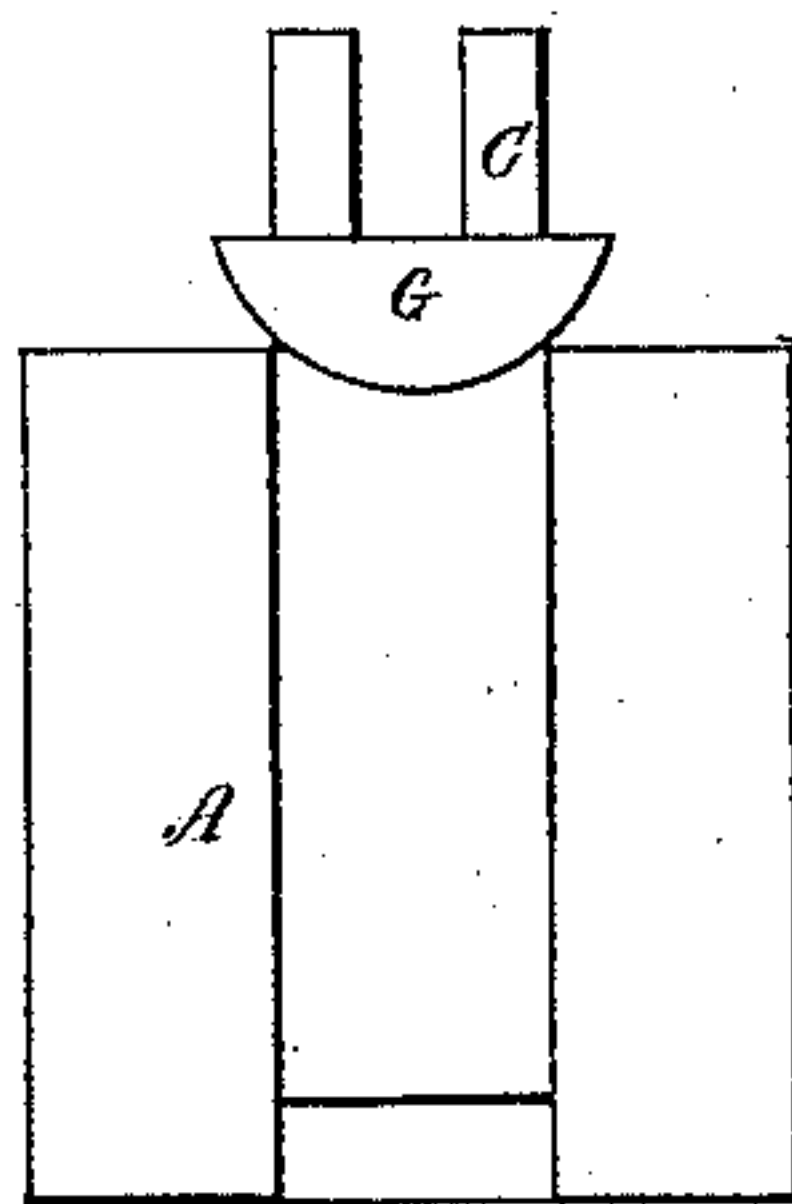


Fig. 3.

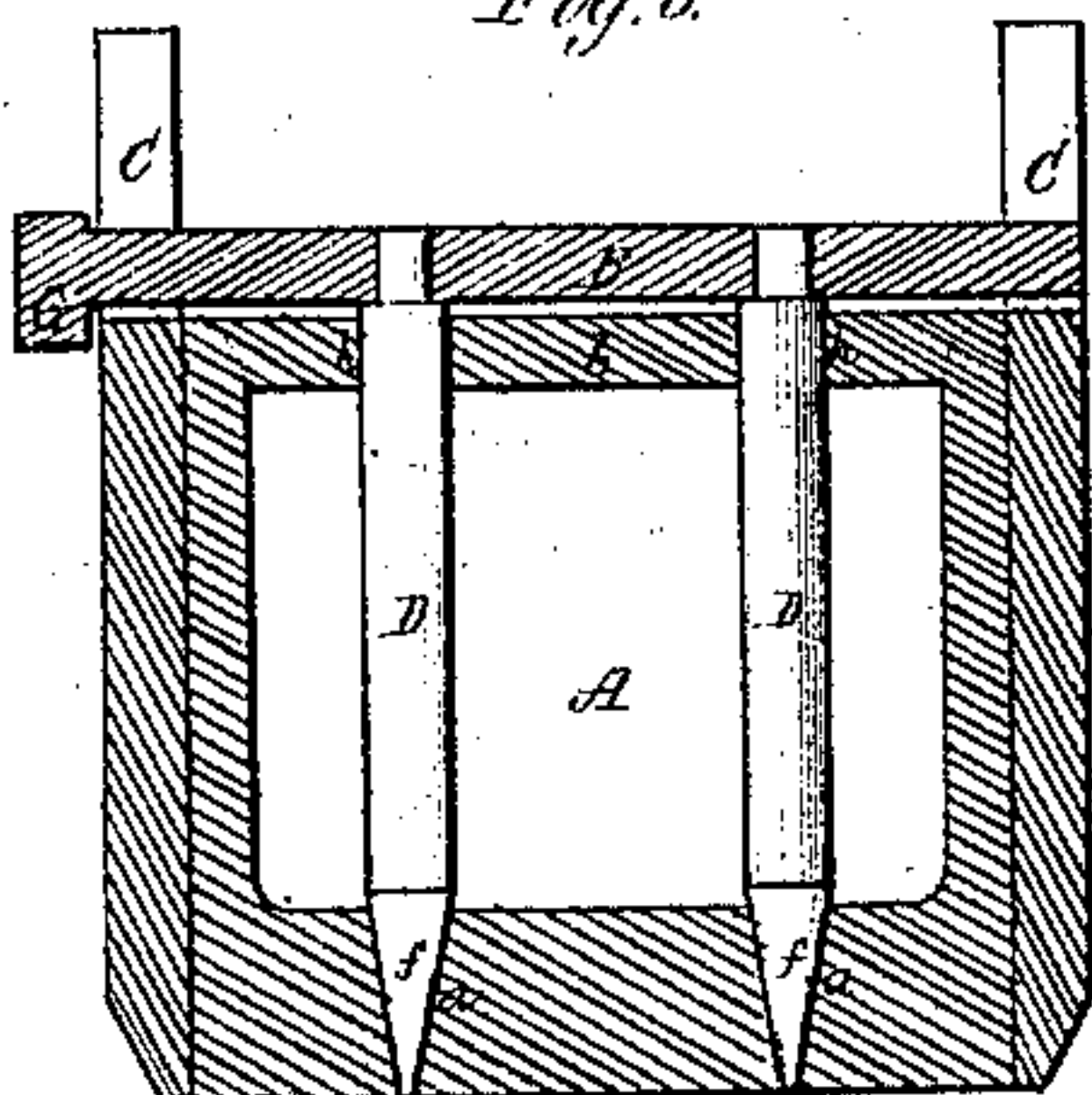
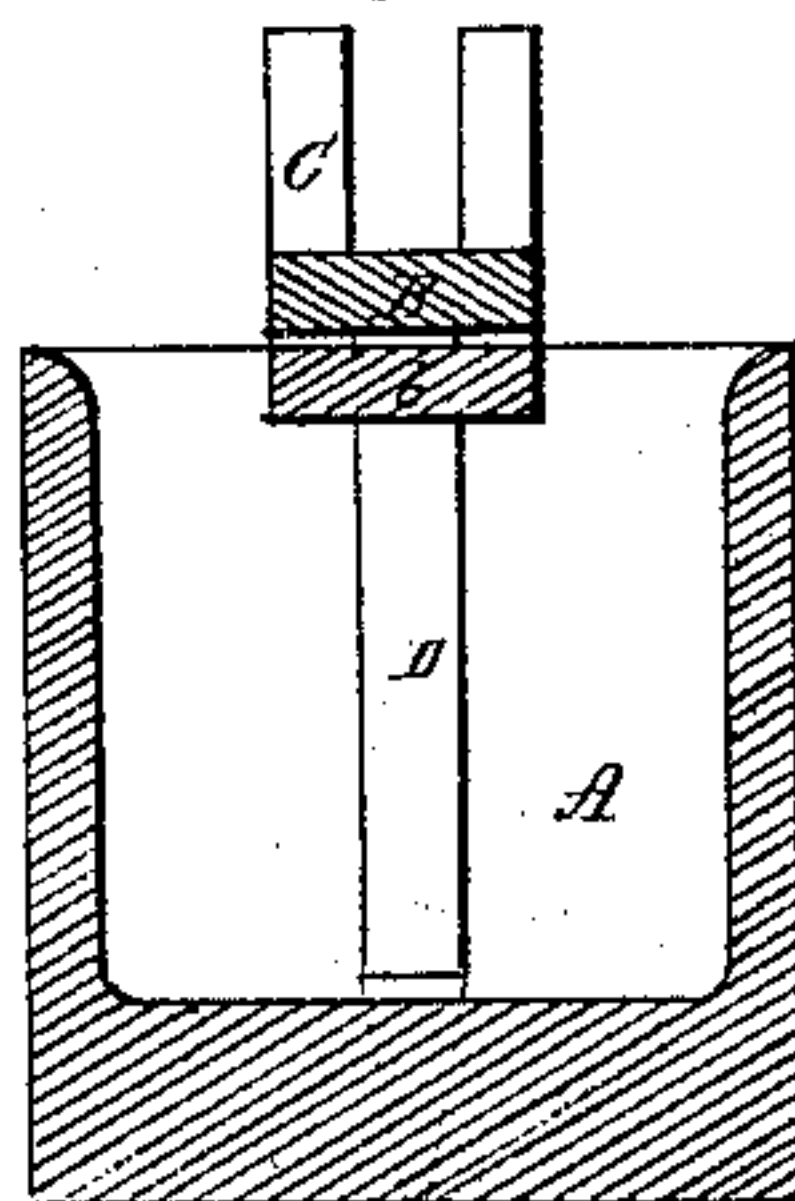


Fig. 4.



Witnesses.
S. N. Piper
J. Brown,

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by his attorney.
R. W. Eddy

United States Patent Office.

PEREGRINE WHITE, OF DIXMONT CENTRE, MAINE.

Letters Patent No. 99,800, dated February 15, 1870; antedated February 11, 1870.

IMPROVEMENT IN LUBRICATOR FOR BEARINGS OF SHAFTS.

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, PEREGRINE WHITE, of Dixmont Centre, of the county of Penobscot, and State of Maine, have invented a new and useful invention having reference to the Lubrication of the Bearings of Shafts; 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 top view,

Figure 2, an end elevation,

Figure 3, a longitudinal section, and

Figure 4, a transverse section of an automatic lubricator containing my invention.

When used it is to be arranged on or over the cap of the shaft-box or bearing, and is to open into the same by conical openings, *a a*, leading out of the bottom of the cistern or oil-reservoir A.

This cistern is a square or proper-shaped box or vessel provided with a bar, *b*, extended across its upper part or mouth. It also has two forked guides, C C, fixed to opposite ends of it and elevated above it, in manner as represented in the drawings.

Each of such guides is slitted at its upper part to receive and guide two ears, *d d*, extended from a bar, B.

To one of the said ears a cam or cam-shaped pro-

jection or lifter, G, is fixed, and is arranged as represented.

From the bar B cylindrical arms D D extend downward through guide-holes, *h h*, in the bar *b*, each of such arms terminating in a conical point, *f*.

There is one of such arms to each of the openings *a*, the point being made to fit the said opening.

There is to be fixed on the shaft of the bearing a finger or projection, arranged so that during each revolution of the shaft such finger or projection shall be carried into contact with the lifter G, and force it upward, so as to cause it to correspondingly elevate the bar B, with its stoppers or arms D D, and thus enable oil to flow out of the cistern and into the box or bearing, and upon the shaft-journal thereof, provided the cistern be charged with oil.

While the shaft may be at rest, there will be no efflux of oil from the lubricator, and thus there will be no waste of oil during such time, the lubrication of the shaft taking place while it is in movement only.

I claim the automatic lubricating apparatus, made in manner, for the purpose, and so as to operate substantially as described.

Witnesses:

R. H. EDDY,
S. N. PIPER.

PEREGRINE WHITE.