No. 727,855. PATENTED MAY 12, 1903.

F. W. SKINNER.

CLEANING ATTACHMENT FOR OIL CANS.

APPLICATION FILED SEPT. 8, 1902.

NO MODEL.

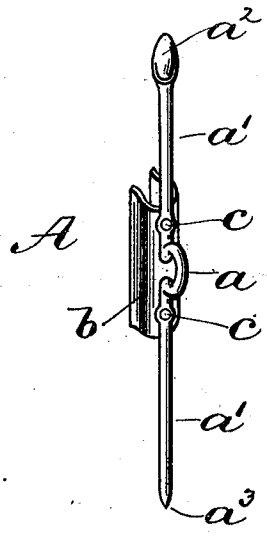


FIG. 1.

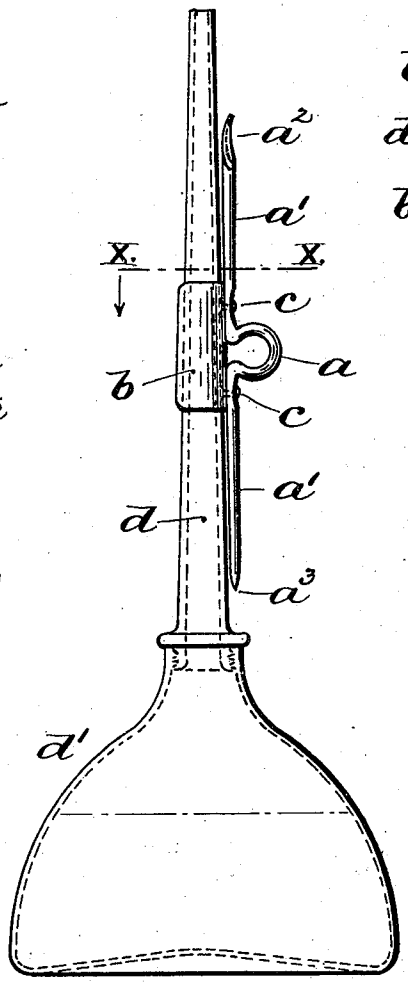


FIG. 2.

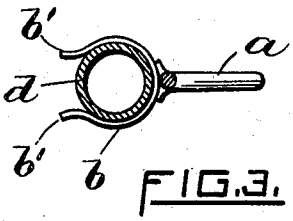


FIG. 3.

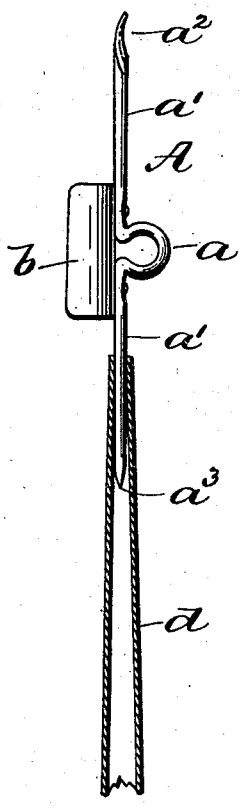


FIG. 4.

WITNESSES.

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No. 727,855. Patented May 12, 1903.

UNITED STATES PATENT OFFICE.

FREDERICK W. SKINNER, OF VALLEY FALLS, RHODE ISLAND.

CLEANING ATTACHMENT FOR OIL-CANS.

SPECIFICATION forming part of Letters Patent No. 727,855, dated May 12, 1903.

Application filed September 8, 1902. Serial No. 122,612. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK W. SKINNER, a citizen of the United States, residing at Valley Falls, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Cleaning Attachments for Oil-Cans, of which the following is a specification.

My invention relates to an attachment for oil-cans; and the object of my invention is to provide a device for cleaning the interior duct of the discharge-tube, so that the oil will readily flow from the can.

It frequently happens in the use of oil-cans that the orifice of the discharge-tube will become clogged from contact with the grime or other foreign matter about the lubricating-orifices of machinery, thus making it necessary to unscrew the discharge-tube from the can in order to cleanse the duct.

My invention consists in the combination, with an oil-can provided with a discharge-tube, of a cleaner-rod having a U-shaped clamp integral therewith and adapted to engage and hold by frictional contact upon the exterior surface of the said discharge-tube, as hereinafter described and claimed.

In the accompanying sheet of drawings forming a part of this application, Figure 1 illustrates a perspective view of my cleaning attachment. Fig. 2 represents my device as secured in position upon the discharge-tube of an oil-can. Fig. 3 is an enlarged top plan sectional view taken in line X X of Fig. 2, and Fig. 4 represents my device with its cleaner-rod inserted in the end portion of the discharge-tube.

Like letters of reference indicate like parts in the several views of the drawings.

A represents my attachment as a whole comprising a round wire rod having its middle portion bent outwardly in a circular form, as at a, and from which portion two branches of the rod extend parallel to each other, as a' a', one of said branches having a spoon-shaped end, as at a^2, and the end of the opposite branch terminating in a point, as at a^3. Near the circular portion a of the rod each of the branches a' a' is made flat and provided with perforation, and these flat portions of the rod form bearing-surfaces to receive the rounded end of a U-shaped clamp b, which is provided with perforations of the same size and location as the perforations in the said flat portions of the rod, and through each of the perforations rivets c c enter and firmly secure the said rod to the said clamp.

d is the nozzle or discharge-tube of the ordinary oil-can d'.

When the interior duct of the discharge-tube has become clogged with dust or grit, so as to impede the outward flow of the oil from the tube, the branch of the rod having the pointed end a^3 is forced within the tube, and by the circularly-bent portion a, which acts as a grip for the user, the said portion of the rod is moved up and down until the duct is made free for the passage of oil.

In the lubricating parts of machinery where an oil-duct has become clogged with dirt or grime that portion of the rod having the spoon-shaped end a^2 can be used to dig out such a duct preparatory to inserting the nose of the discharge-tube d.

The clamp b is made of resilient material and has its longitudinal edges flaring outwardly, as at b' b' in Fig. 3, so that when the device is not in use its clamp can be readily forced and hold by frictional contact upon the surface of the discharge-tube of the oil-can.

My invention forms a very convenient attachment for oil-cans, is simple, durable, and inexpensive to manufacture.

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

In combination with an oil-can provided with a discharge-tube, of a vertically-extending cleaner-rod, and a pair of flaring grasping-arms made of a single piece of resilient material and rigidly secured to the central portion of said cleaner-rod, adapted to clamp upon the discharge-tube of the oil-can, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK W. SKINNER.

Witnesses:

JAS. F. GOULD,

THOMAS W. LOCKE.