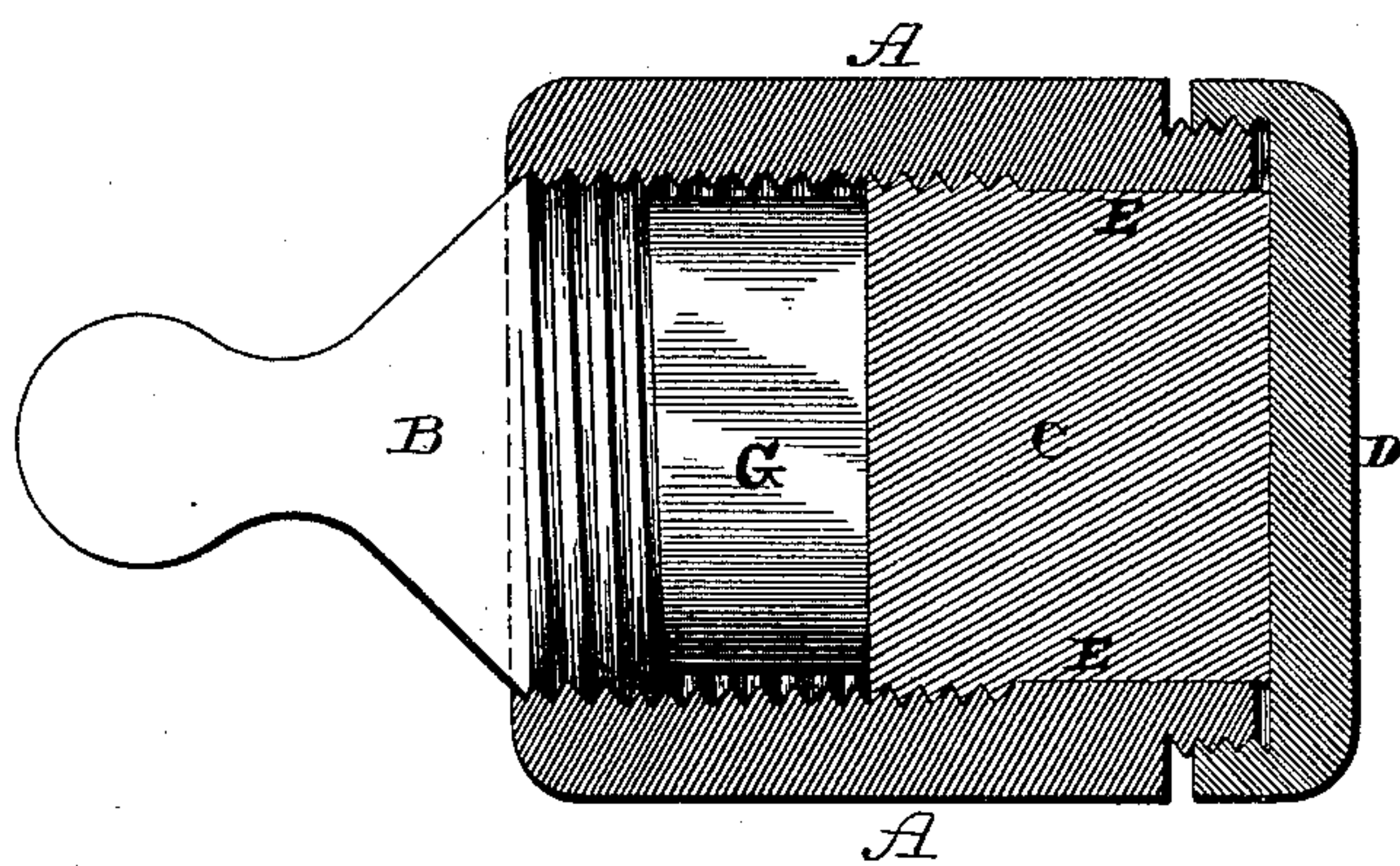


(No Model.)

G. B. LUM.  
SAW GREASER.

No. 429,040.

Patented May 27, 1890.



Witnesses:

E. P. Ellis,  
J. M. Nesbit.

Inventor:

Geo. B. Lum,  
per  
Lehmann & Pattison,  
attys.



# UNITED STATES PATENT OFFICE.

GEORGE B. LUM, OF STAMFORD, CONNECTICUT.

## SAW-GREASER.

SPECIFICATION forming part of Letters Patent No. 429,040, dated May 27, 1890.

Application filed March 21, 1890. Serial No. 344,818. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE B. LUM, of Stamford, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Saw-Greasers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawing, which forms part of this specification.

My invention relates to an improvement in saw-greasers; and it consists in the particular construction hereinafter described, and particularly pointed out in the claim.

The object of my invention is to provide a device of the construction hereinafter described for greasing saws and applying tallow to tools and surfaces of all kinds, and by means of which the tallow can be directly applied to and rubbed upon the saw by the device itself and without any unnecessary waste or the mechanic getting his hands soiled each time the tallow has to be used.

The accompanying drawing represents a longitudinal section of a device which embodies my invention.

A represents an open-ended tube, which is made of wood, metal, or any other suitable material, and which is provided with an internal thread at one end and an external thread at the other. The internal screw-threads of the tube are not formed entirely through it, so as to leave a plain or smooth portion E, since it is desirable to have as few internal threads as is practicable in a device of this character, as will hereinafter appear. A follower or plug B is provided for forcing out the tallow C, and this plug has its outer end formed into a handle, its central portion screw-threaded, and its inner end provided with the reduced portion G, which is circular in form and fits snugly the smooth portion E of the tube and made of a length about equal to the length of the said portion E, whereby when the screw-threaded portion of the follower has reached the limit of its movement upon the internal threads of the tube

the projecting portion G is at the outer end of the tube. By means of this construction it will be seen that the screw-threaded portion of the follower is not brought directly in contact with the tallow until it has been displaced by the projection G, thus making it easier to force the tallow out when hard and avoiding the working of the tallow back to the rear end of the tube, as is the case where the tallow has become soft and is allowed to extend to near the rear end of the tube and in direct contact with the screw-threaded portion. An internally-screw-threaded cover D is applied to the external threads upon the outer end of the tube, which protects the tallow from dirt and dust when not in use.

In order to adapt this device to be used to apply the tallow directly to and rubbed upon the saw by the device itself, it is necessary that it be so constructed that the entire end of the tube will be exposed when the cover is removed and the entire surface of the tallow projected beyond the tube, so that the tube will not come in contact with the cutting-edge of the saw or other tool while the tallow is being applied directly from the device to the tool; hence it will be seen that by a device of this particular construction I am enabled to rub the tallow directly upon the tool without the use of a rag or other similar spreading device. It is only necessary to force the tallow by means of the plug just far enough beyond the end of the tube to grease the article to which it is to be applied. By means of the construction here shown it is only necessary for the mechanic to remove the cover. Then he can grease the saws, tools, and surfaces of all kinds without the slightest trouble or liability of soiling his hands in any respect.

Having thus described my invention, I claim—

In a device for the purpose hereinbefore described, the combination of an open-ended tube having its outer end externally screw-threaded and its inner portion internally screw-threaded, and its internal outer end left smooth, a follower having its central portion externally screw-threaded, its outer end



formed into a handle and provided at its inner end with a reduced smooth portion of a length and diameter about equal to the length and diameter of the internal smooth portion of  
5 the tube, whereby the screw-threaded portion is not directly in contact with the tallow, substantially as shown.

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

GEORGE B. LUM.

Witnesses:

FRANK MILLER,

GEORGE W. NORTHROP.