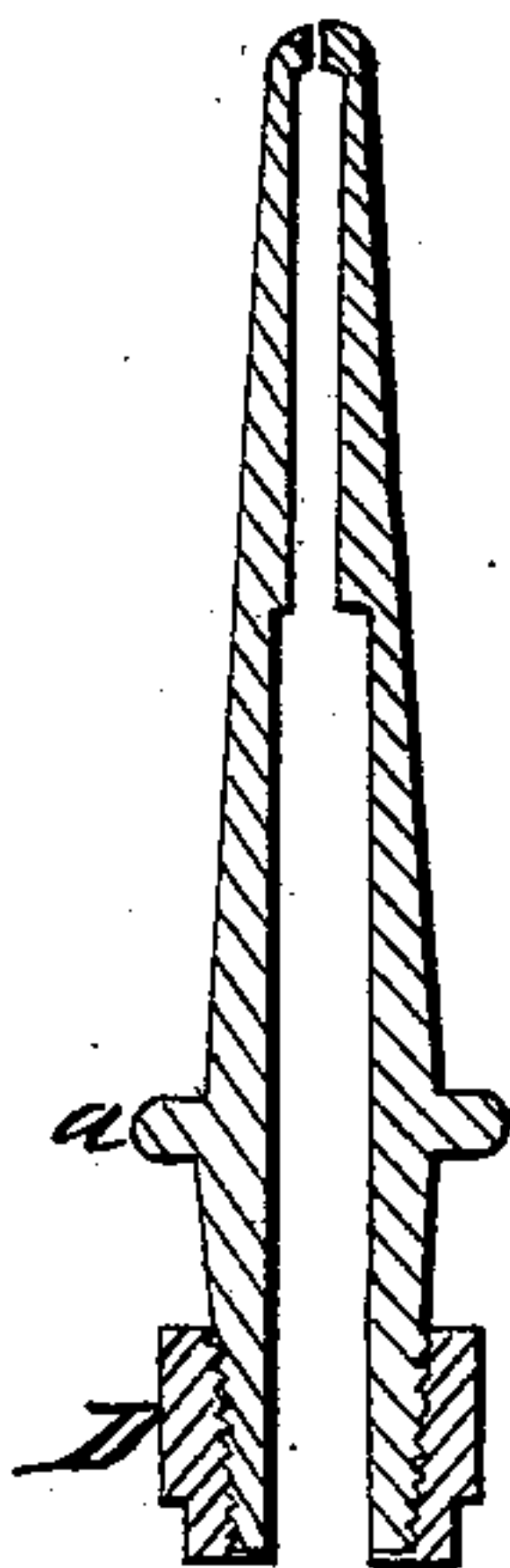


*Pfleggar & Schollhorn,*  
*Oil Can,*  
*No. 46,586, Patented Feb. 28, 1865.*

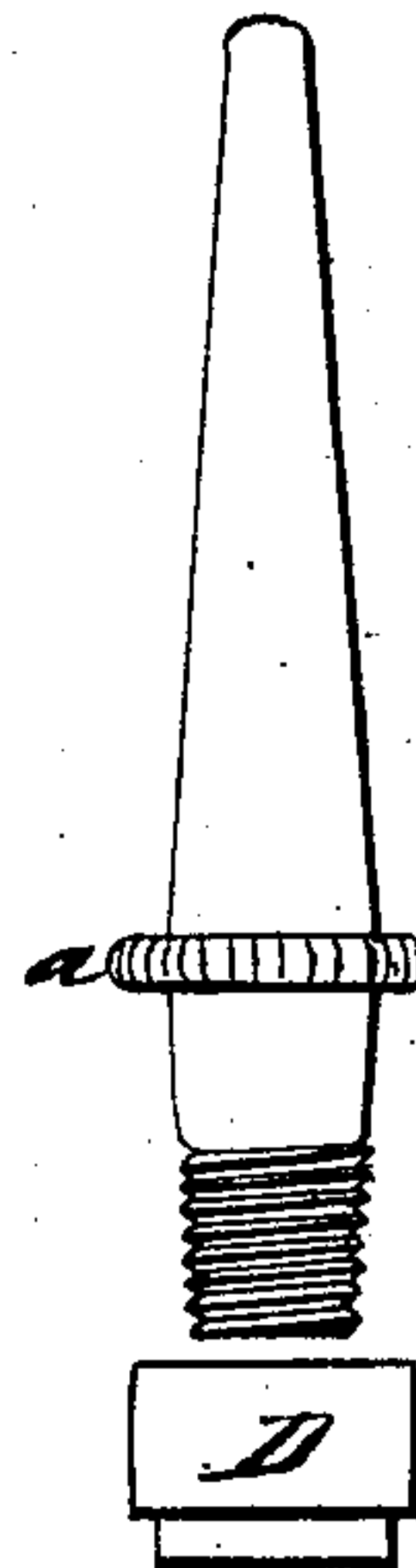
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses.

*Rufus Sanford  
 Wilson H. Clark.*

Inventor.

*Frank P. Pfleggar  
 Wm Schollhorn  
 John E. East*

# UNITED STATES PATENT OFFICE.

FRANK P. PFLEGHAR AND WM. SHÖLLHORN, OF NEW HAVEN, CONN.

## TIP FOR OIL-CUPS.

Specification forming part of Letters Patent No. 46,586, dated February 23, 1895.

*To all whom it may concern:*

Be it known that we, FRANK P. PFLEGHAR and WM. SCHÖLLHORN, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Tips for Oil-Cups; and we do hereby declare the following to be a full, clear, and exact description of the same when taken in connection with the accompanying drawings and the letters of reference marked thereon, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view; Fig. 2, a vertical central section; Fig. 3, the tip and neck detached.

Heretofore the tip or tubes of oil-cans or oilers have been made of thin metal, which was easily jammed and of little use, or they have been made from tubing drawn down to the proper proportions, and the milled thumb-ring soldered or brazed onto the tip. This was a laborious and expensive operation. Our invention is designed to overcome these objections and produce an oiler-tip durable and cheap; and it consists in forming the tip with the thumb-ring cast on from malleable iron or other suitable cast metal.

To enable others skilled in the art to make and use our invention, we will proceed to fully describe the same, as illustrated in the accompanying drawings.

We first prepare the required patterns to form a tip of the exterior form, A, as shown in Fig. 3, and cast in the usual manner, coring out the interior about, as seen in Fig. 3, to the first diminishing of the diameter. In this form it comes from the foundry. We then drill the hole nearly through, as seen in Fig. 2, of a size a little smaller than the cored hole; then finish the hole by a fine or small drill, as also seen in Fig. 2. Then turn and finish the outside, mill the thumb-ring *a*, cut a thread on the lower end of the tip to fit the neck D. The said neck is attached to the oiler-cup by soldering. Thus I form a complete, strong, and perfect tip at comparatively small cost.

The milled thumb-ring is a necessity, as by it the tip is removed to replenish the cup. The forming of these rings and attaching to the tip has been a large item in the cost of manufacture.

Having fully described our invention, what we claim as new and useful, and desire to secure by Letters Patent, is—

As a new article of manufacture, the herein-described cast-metal tip for oil-cups.

FRANK P. PFLEGHAR.  
WM. SHÖLLHORN.

Witnesses:

JOHN E. EARLE,  
RUFUS SANFORD.