Nov. 8, 1927. 1,648,512

G. H. STOCK

VACUUM JACKETED FLASK

Filed June 14, 1926

Fig. 1.

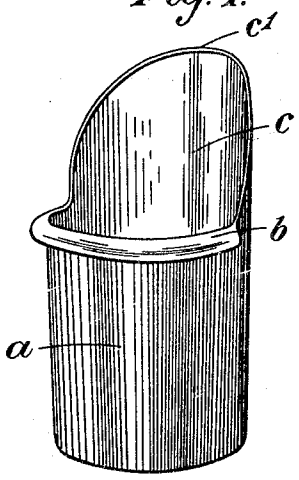


Fig. 2.

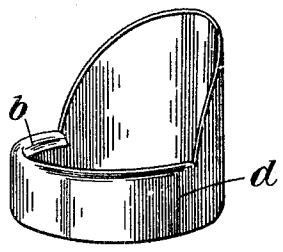
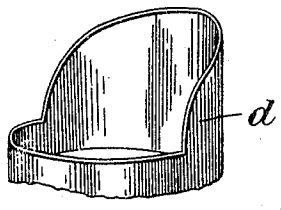


Fig. 3.



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UNITED STATES PATENT OFFICE.

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VACUUM JACKETED FLASK.

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The object of this invention is to provide a device for attachment to vacuum jacketed flasks whereby their contents can be poured from them in better manner than is possible with the flasks as employed at present.

A pouring device according to my invention is a self contained element which comprises a band portion for engagement with the neck of the flask, such band portion adapted to engage the neck of the flask having extending above it a portion shaped to serve as a pourer for enabling the liquid contents of the flask to be poured therefrom in an even stream.

In carrying my invention into practice the pouring device is in the form of a band or collar having an extension from one side above the collar, the outer or upper edge of the extension being arcuate. The collar may be in the form of a spring clip or band adapted to fit around the neck of the flask and having a part which may extend for about half the circumference of the collar and which has a curved upper edge to provide the lip or spout. The band portion may have a curved inward overhanging portion to engage over the rim of the flask neck. Instead of a band for encircling the neck of the flask, the device may be in the form of a cylinder adapted to fit inside the neck of the flask and having a lip or spout extending above the band portion. The cylindrical portion may be tapered or split to enable it to be fitted tightly inside the neck of the flask, and its upper edge may be formed with an overhanging curved rim to fit over the rim of the flask neck.

In order that my invention may be clearly understood and readily carried into effect three embodiments of same are illustrated in perspective by the accompanying sheet of drawings.

Figure 1 is a perspective view of the device adapted to be inserted within the neck of a bottle.

Figure 2 is a perspective view of a similar device adapted to be fitted outside the neck of a bottle.

Figure 3 is a perspective view of the device with the flange omitted.

Referring to Fig. 1 of the drawings the device comprises a cylindrical portion (a) having a slightly tapered or truncated conical configuration whereby it may be inserted tightly inside the neck of a vacuum jacketed flask. Alternately or in addition this cylindrical portion may be split in a linear direction so that if the device is made of resilient metal it may be sprung in position. The upper edge of the device may be formed with an overhanging curved rim (b) adapted to engage over the rim of the flask, the continuity of this overhanging rim (b) being interrupted by the lip or spout portion (c) for pouring purposes, such portion (c) preferably having a curved edge (c^1) as shown in the drawings.

In Fig. 2 is shown a somewhat similar device but adapted to be fitted outside the neck of the flask, and for this purpose the overhanging curved rim (b) if employed will be disposed within the outer circumference of the band (d) which is to be fitted around the neck of the flask. If desired this band (d) may be split so that it functions as a spring band clip.

In Fig. 3 is shown a device practically the same as shown in Fig. 2 but without the rim (b). The band (d) shown in Fig. 3 is to be engaged around the neck of the flask, the extension (c) being the integral lip or spout.

If desired the band (d) or the portion (a) may have a suitable threaded or corrugated configuration.

By means of my invention a form of spout or lip is provided which does not interfere with the employment of the customary cork or plug for closing the flask and the fitting of the customary screw metal outer cap or the removal of the flask container from the jacket for repairs or for a refill to be fitted.

It has heretofore been proposed to provide for a vacuum flask in which the neck is formed with a V shaped notch, a band adapted to encircle the neck and having a lateral spout to register with such notch.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:

A pouring device for flasks, comprising a

spring band clip member adapted to have concentric removable engagement with a flask neck; said member having a downwardly directed curved rim about a portion of its upper perimeter co-acting with the rim of said flask neck to prevent downward displacement of said member and the said member having a spout-like extension jutting from the remaining portion of its upper perimeter, for pouring purposes.

Dated this twenty-eighth day of May, 1926.

GEORGE HENRY STOCK.