Nov. 26, 1929. W. M. BELL 1,737,182

BUNG

Filed Nov. 30, 1928

Fig. 1.

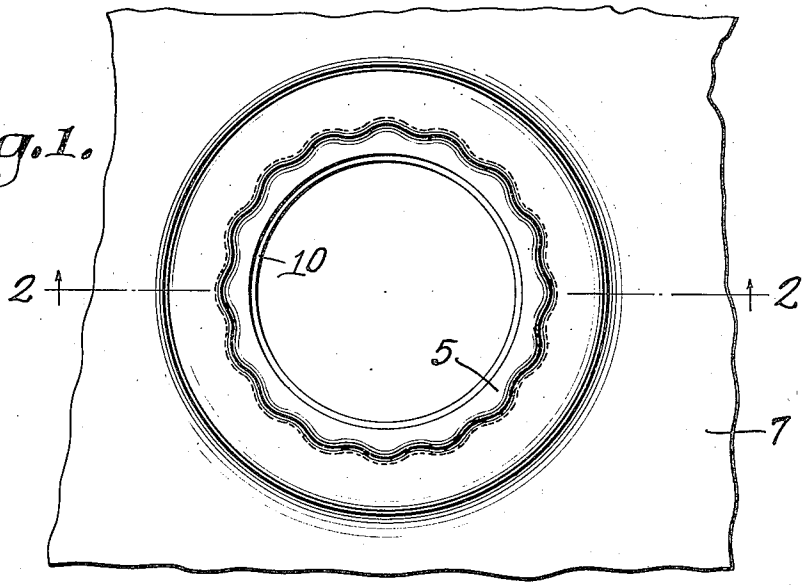


Fig. 2.

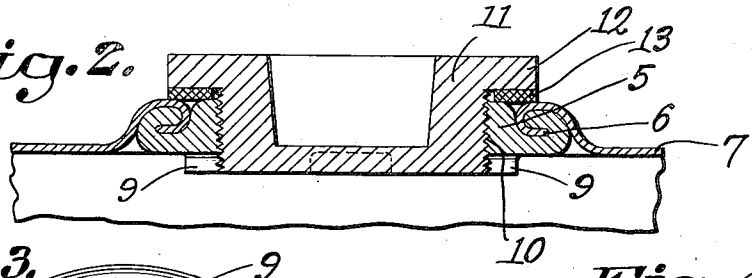


Fig. 3.

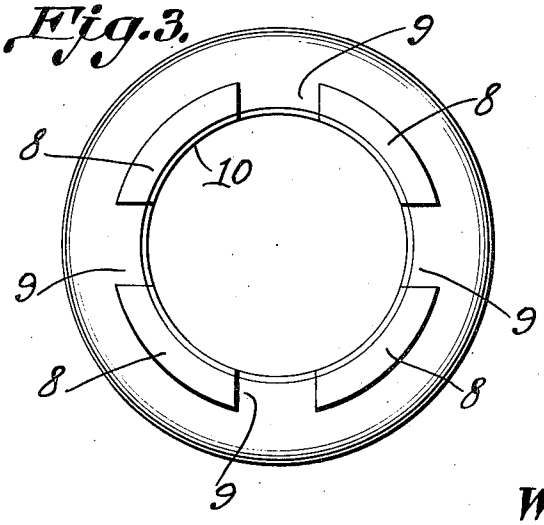
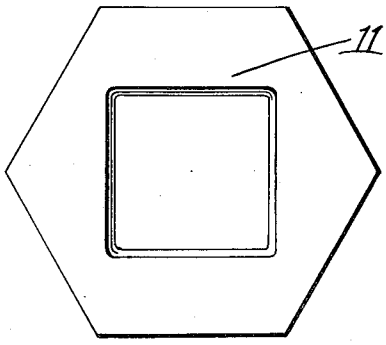


Fig. 4.



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1,737,182

UNITED STATES PATENT OFFICE

WILLIAM M. BELL, OF PORTSMOUTH, OHIO

BUNG

Application filed November 30, 1928. Serial No. 322,833.

The present invention has reference to a bung or sput used more particularly in connection with steel drums, barrels or the like metal containers that require an opening for filling and removing the contents thereof.

The primary object of the invention is to provide a bung or sput so constructed that it may be readily secured within an opening of a drum or container in such a way that it will be securely held against rotary movement should it be found necessary to direct excessive pressure on the plug, forming a part of the sput, to remove the plug.

A further object of the invention is to provide a bung or sput having cut out portions at the inner end thereof so that the entire contents of the drum or container may be withdrawn from the container.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is a plan view illustrating a sput as positioned in an opening of a drum.

Figure 2 is a sectional view taken on line 2—2 of Figure 1 and showing a plug positioned in the sput.

Figure 3 is a bottom plan view of the sput.

Figure 4 is a plan view of the plug.

Referring to the drawing in detail, the reference character 5 designates the sput, which is circular in formation, the same being constructed of malleable metal and provided with a circular slot for the reception of the edge 6 of the filling opening of the body portion of the drum or container 7.

The slot in which the edge of the filling opening of the drum is held is irregularly formed to present corrugated contacting surfaces to the end that when the body portion of the drum and sput are forced together, or the sput is clamped in position the irregular surfaces or corrugations will act to firmly secure the sput against rotary movement, should it be necessary to direct excessive strain on the plug of the sput to release it.

Enlargements 8 form a part of the sput and extend into the drum, the spaces between adjacent enlargements defining passageways 9 that are flush with the inner surface of the drum or container, to permit the entire contents of the drum to be poured therefrom. Internal threads 10 are formed in the sput and are designed to cooperate with threads formed exteriorly of the plug 11, the plug being provided with a square opening to receive a square wrench employed for rotating the plug to position or remove it.

A flange 12 extends laterally from the plug and provides a shoulder to engage the gasket 13 that is positioned on the upper surface of the sput so that a fluid tight connection between the plug and sput will be insured at all times.

As clearly shown by Figure 2 of the drawing, the container is bulged adjacent to the sput opening so that when the sput is secured in position the bottom of the sput will lie flush with the inner surface of the container.

I claim:

In a sput, a body portion having a slot formed in the upper surface thereof, the opposed walls of the slot being corrugated and parallel, said slot adapted to receive the edge of a filling opening of a drum, the corrugated walls of the slot being forced into close engagement with the drum to lock the sput to the drum, and a plug fitted in the sput.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

WILLIAM M. BELL.