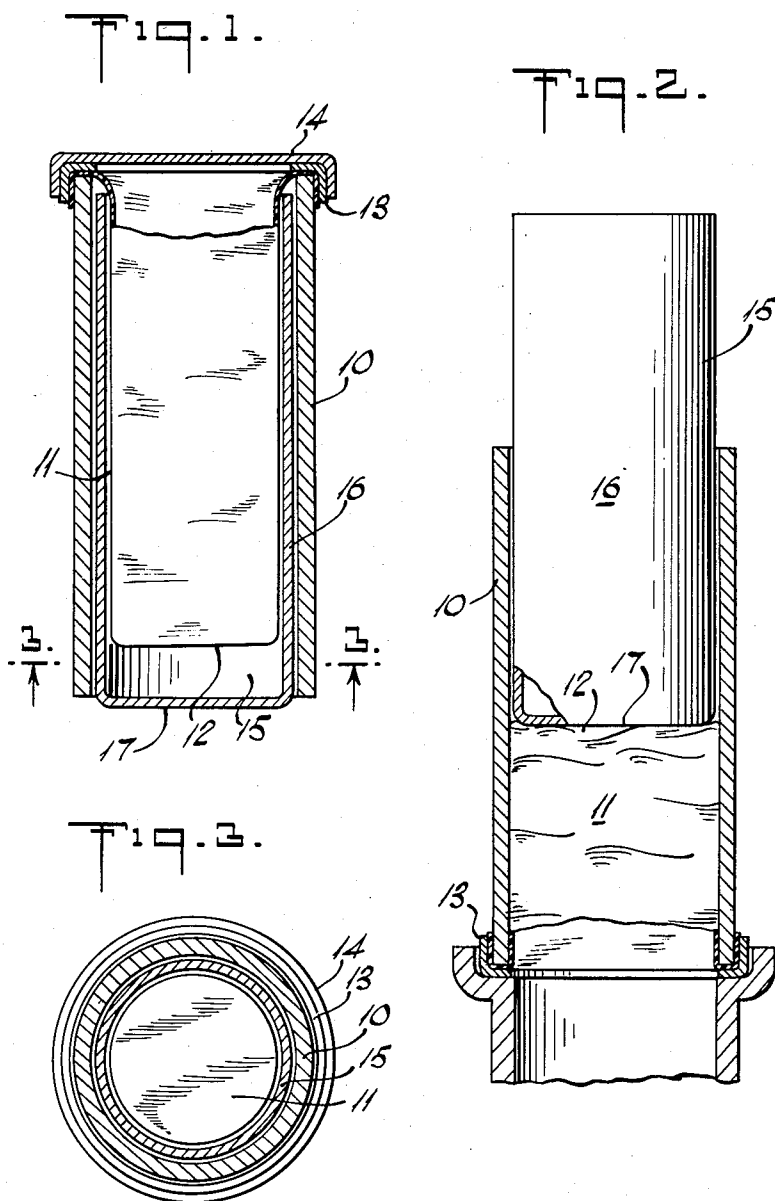


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L. E. DE S. HOOVER
CARTRIDGE FOR GREASE GUN

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INVENTOR.

BY

ATTORNEY

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2,744,658

CARTRIDGE FOR GREASE GUN

Lawrence E. de S. Hoover, Washington, D. C., assignor
to General Cap and Container Corporation, New York,
N. Y., a corporation of Delaware

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1 Claim. (Cl. 222—95)

This invention relates to a cartridge for grease guns 15
or other lubricating apparatus.

The greases used for lubricating heavy bearings, such
as the chassis bearings of an automobile, are quite viscous
and sticky, and they are normally forced into the bear-
ing by a grease gun. The replenishment of the grease
in the gun is, however a messy task, and it may result
in getting sand or dirt in the grease, with consequent harm
to the bearings. This is particularly important where
the gun must be replenished in the field.

It is an object of this invention to provide a cartridge 25
in which a charge of grease may be stored and handled,
so constructed that the grease may be kept sealed until the
time for use, and then may be transferred to the gun,
with the minimum of difficulty, and without getting dirt
in the grease during the transfer.

The cartridge shown in the accompanying drawing is
the preferred embodiment of the invention. Fig. 1 is a
central longitudinal section of a complete cartridge filled
with grease. Fig. 2 is a view of the device while the
grease is being transferred to the grease gun. Fig. 3 is a
section on the line 3—3 of Fig. 1.

The cartridge consists primarily of an outer cylinder
shell of cardboard or the like open at both ends. With-
in this shell there slides an inner shell 15 having one end
open and one end, here the lower end, closed as shown
at 17. Within this inner shell is a flexible bag 11 having
its lower end closed as shown at 12. The upper end of
the bag 11 extends above the upper end of the inner shell

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and is attached around the periphery of the outer shell
as shown at 13. This bag is filled with the grease or other
substance 16 to be dispensed.

The open end of the outer shell and hence also the
5 inner bag is closed by a removable cap 14.

The bag 11 is filled with a charge of grease just suf-
ficient to charge a grease gun. To use the cartridge,
cap 14 and shell 15 are removed and the open end of
the shell 10 is placed or attached on the open end of the
grease gun cylinder. The shell 15 is now reversed and
10 pushed into the shell 10 as shown in Fig. 2, pushing the
bag and contents down into the shell 10, and forcing the
grease into the gun. The gun may now be closed,
and the cartridge thrown away.

I make the shell 15, fit within the shell 10 and have
its cylindrical walls substantially as long as the shell 10
so that it may be used as a plunger to force out the
grease as above described.

The open end of the shell may be fitted with any suit-
able rim to fit on any particular grease gun, if desired,
or to lock upon the open end of the gun if desired. It
has more universal adaptability however in the form
shown where it simply fits over the gun, or into the flare
of the gun, and is held in place during the filling op-
eration.

I claim:

A cartridge for a grease gun comprising an outer shell
of a size and shape to mate with the end of a grease gun,
a flexible bag within said shell having an open end at-
tached around the periphery of an end of said shell, both
30 ends of said shell being open, and an inner shell fitting
into the other end of said outer shell and around said
flexible bag, having one end closed whereby the inner
shell may be removed and reversed and used as a ram or
35 plunger to force the contents of said bag into a grease
gun.

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