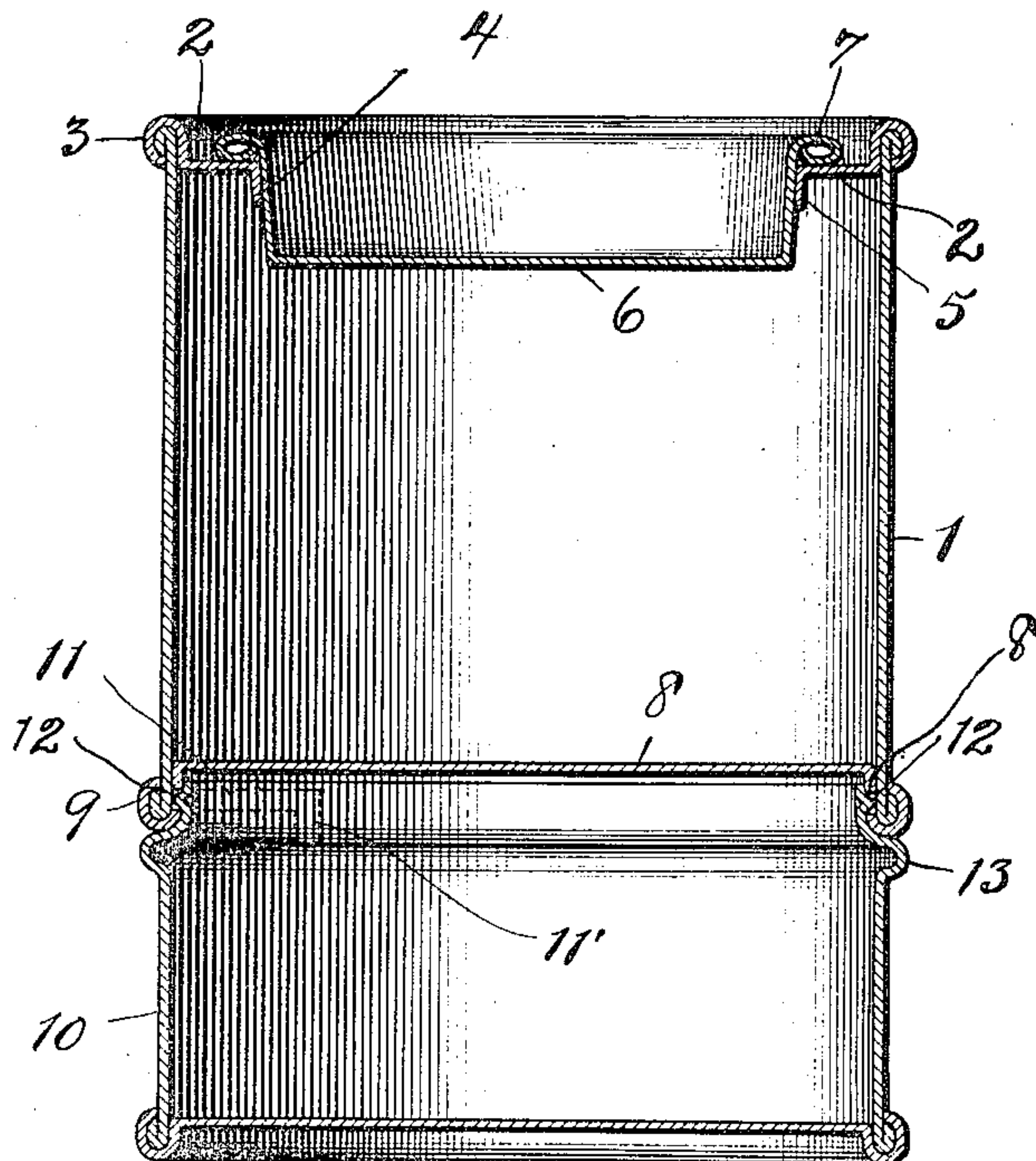


No. 861,815.

PATENTED JULY 30, 1907.

F. C. CULLEN.  
COMPARTMENT CAN.  
APPLICATION FILED JUNE 23, 1905.



Witnesses:  
Emilie Rose,  
H. W. Imboden.

Inventor:  
Frank C. Cullen,  
BY: Albert N. Graves,  
attys.

# UNITED STATES PATENT OFFICE.

FRANK C. CULLEN, OF CHICAGO, ILLINOIS.

## COMPARTMENT-CAN.

No. 861,815.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed June 23, 1905. Serial No. 266,568.

*To all whom it may concern:*

Be it known that I, FRANK C. CULLEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Compartment-Cans, of which the following is a specification.

This invention relates to improvements in compartment cans and it has for its object to provide a can especially suitable for use in packaging the ingredients composing metal powder paints; the idea being to provide a main compartment within which the liquid vehicle is sealed and a detachable closed compartment within which the metal powder is stored until wanted for use.

Incidental objects of the invention are to provide a device which can be very economically manufactured by the use of ordinary can making machinery; to provide a device in which the detachable powder compartment may be removed with great facility but is nevertheless united to the main can with sufficient reliability to form a unit package for all purposes of shipment and handling; to provide a construction in which access can be had readily to both the liquid compartment and the powder compartment, and in general to provide an improved device of the character referred to.

To the above ends the invention consists in the matters hereinafter described and more particularly pointed out in the appended claims.

The invention will be readily understood from the following description, reference being had to the accompanying drawing, which is a central vertical section of a can constituting a preferred embodiment of the invention.

1 designates as a whole a can body which, so far as the present invention is concerned, may be constructed in any suitable manner as to its upper end in order to afford ready access to the contents thereof. As illustrated, the top is formed by means of a cap member 2, interfolded at its margin with the upper edge of the can body, as indicated at 3, and provided with a relatively large central aperture 4 surrounded by a downturned flange 5, and within which aperture is seated a drawn metal cylindric cap 6, provided with an out-turned marginal flange or roll, 7.

The lower end of the can body 1 is closed by means of a bottom cap 8 having its margin interfolded with the

end margin of the can body, as indicated at 9. The detachable member 10, is in this instance adapted to be connected with the lower end of the main can by means of a bayonet joint. To this end, circumferentially extending slots 11 are formed at opposite points in the downturned flange 8' of the dividing plate or false bottom 8; each of these slots terminating at one end in an inlet slot 11' forming an entrance to the main portion of the slot. The lower member 10 is provided at its upper edge with a pair of diametrically opposite laterally projecting studs-12, which are adapted to pass into and engage the bayonet slots of the upper member in a well understood manner.

Preferably a bead 13 is formed to extend circumferentially around the lower member 10 so as to simulate the appearance of a double bead when the two parts of the can are united.

The lower end of the detachable compartment member 10 is formed as an ordinary head, the edge of which is interfolded with the lower edge of said detachable member.

It will be noted that the detachable smaller compartment 10 forms in effect an extension of the main body of the can externally uniform with the same, so that the can presents the appearance of a unit when the parts are assembled. The lower end of the main can-body forms the cover of the detachable member, so that when the parts are assembled a closed compartment is formed.

I claim as my invention:

A compartment can, comprising a main can body having cylindric sides, a bottom closure inserted within the lower end of the can body and having its margin interfolded with the end margin of the can body whereby a downwardly projected flange is formed, having a bead-like thickening upon its interior, a bayonet groove formed interiorly within said flange and between the latter and said bottom end wall, an inlet groove formed across said bead like thickening and leading into said bayonet groove, and a cup like detachable compartment member having cylindric sides conforming to the exterior of the can body sides and provided at its upper end with a reduced rim portion adapted to fit within the flange extension of the can body and with a locking projection adapted to enter and interlock with said bayonet groove.

FRANK C. CULLEN.

Witnesses:

EMILIE ROSE,  
I. V. TRAVER.