

985,850.

R. G. SMITH.
SPECIAL PACKAGE.
APPLICATION FILED NOV. 26, 1910.

Patented Mar. 7, 1911.

3 SHEETS-SHEET 1.

Fig. 1.

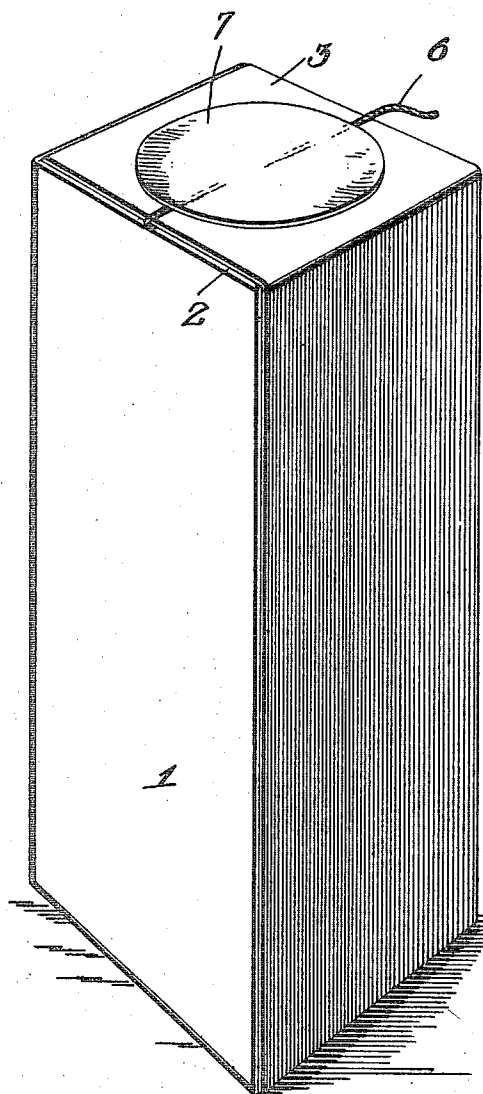
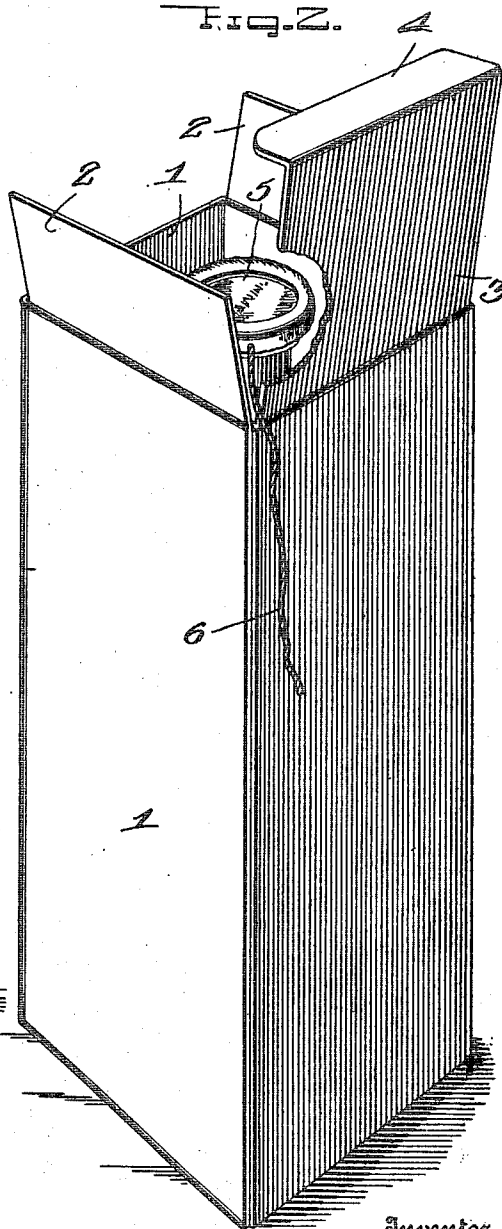


Fig. 2.



Witnesses

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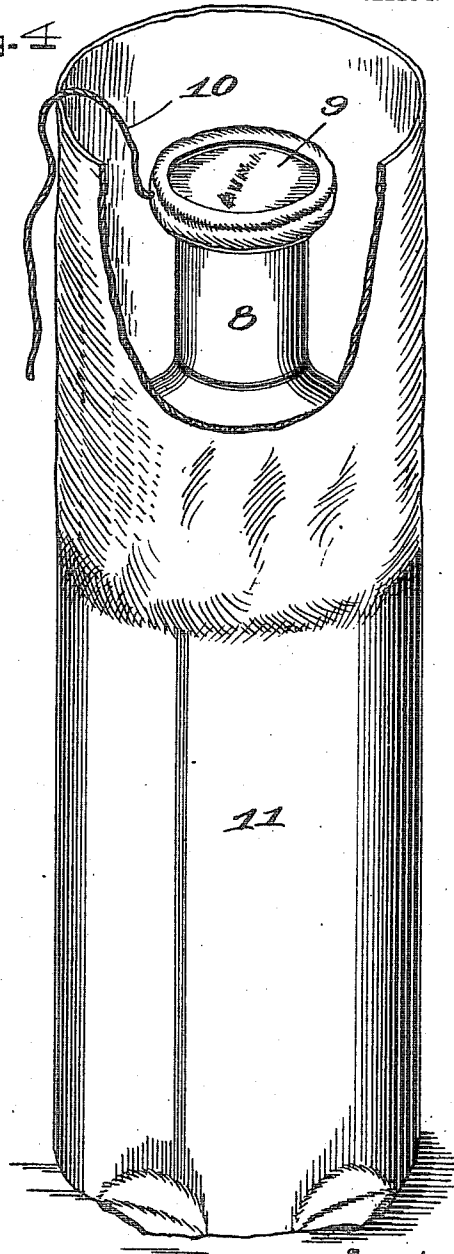
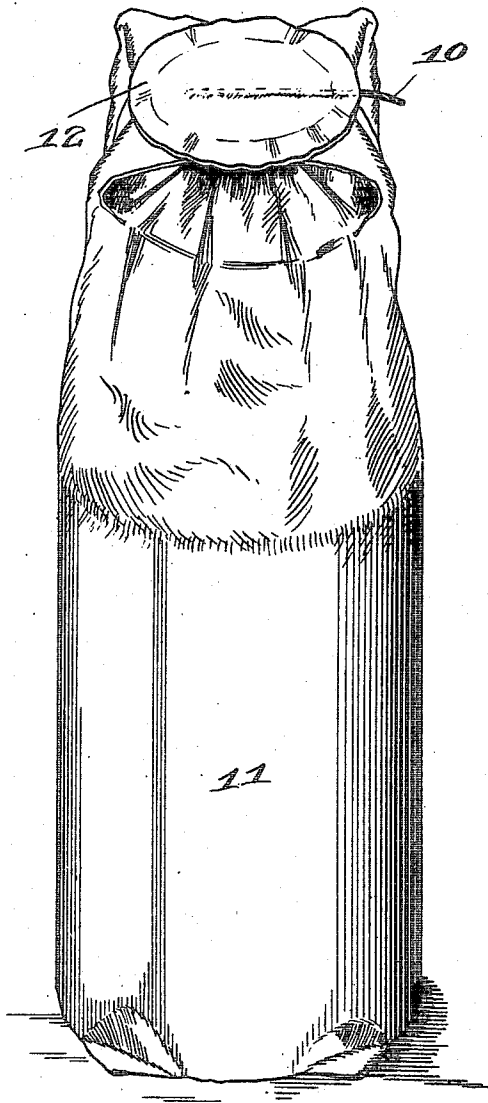
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APPLICATION FILED NOV. 25, 1910.

Patented Mar. 7, 1911.

2 SHEETS-SHEET 2.

Fig. 3. Fig. 4



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UNITED STATES PATENT OFFICE.

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SPECIAL PACKAGE.

985,850.

Specification of Letters Patent.

Patented Mar. 7, 1911.

Application filed November 25, 1910. Serial No. 594,076.

To all whom it may concern:

Be it known that I, ROBERT G. SMITH, a citizen of the United States, residing at Danville, in the county of Pittsylvania and State of Virginia, have invented new and useful Improvements in Special Packages, of which the following is a specification.

This invention relates to improvements in special packages and more particularly to a means for detecting the removal of the original contents of the package.

It is the object of this invention to provide a package comprising a wrapper or container for containing an article for transportation or display with a means upon the article co-acting with a means upon the exterior of the package to immediately indicate both upon the package and upon the article any removal of the original contents of the package.

The advantages of this invention are that it will prevent the substitution of an article other than the one originally packed within the container and the original contents of the package cannot be tampered with without detection by the prospective purchaser.

While the preferred forms of this invention are shown upon the accompanying sheets of drawing, yet it is to be understood that minor detail changes may be made without departing from the scope thereof.

Figure 1 is a view in perspective illustrating a complete closed package embodying this invention in the form of a carton. Fig. 2 is a view in perspective of the carton shown in Fig. 1 with the top opened and partly broken away to disclose the article contained therein. Fig. 3 is a view in perspective illustrating this invention as applied to a bottle wrapper. Fig. 4 is a view in perspective similar to Fig. 3 before the package is closed and the top is broken away to disclose the article contained therein.

Figs. 1 and 2 illustrate this invention as applied to a carton. The carton is of the usual form having four side walls 1 with the opposite walls at the top and bottom having flaps 2 adapted to be turned inward and a flap 3 adapted to form the exterior of the closure provided with a tab 4 adapted to be inserted between the sides of the flaps 2 and the top of the side wall 1 opposite the wall carrying the flap 3 when the package is closed. The article to be contained within the carton in this instance is illustrated

as a bottle. In this instance the bottle stopper is sealed to the bottle neck with a seal of sealing wax 5. A flexible connector 6 of cord, wire or other like material is embedded in the seal 5 upon the bottle and is of sufficient length to allow the closure of the flaps and allow for its passage through one corner or between the overlying flaps 2 and exterior closure 3 and then across the outer side of the exterior closure or side of the carton. The outer extremity of the connector 6 being brought upon the exterior of the closed package is secured thereto by the seal of wax, paper or other desirable material.

Figs. 3 and 4 illustrate the application of this invention to a bottle wrapper. The bottle 8 is provided with the stopper seal 9 of sealing wax in which is embedded one end of the flexible connector 10. The wrapper 11 snugly receives the body of the bottle and is closed at the lower end. The flexible connector 10 passes to the exterior of the wrapper over the open end of the top, and when the top is closed as shown in Fig. 3, the outer end of the flexible connector 10 is secured to the exterior of the wrapper by the seal 12 of wax, paper or other desirable material.

While it is preferable to secure one end of the flexible connector to the bottle by embedding it in the stopper seal, the same result will be accomplished by attaching that end of the connector to any part of the article by a frangible seal, so long as the free end of the connector may be extended to the exterior of the closed package. Likewise it is preferable though not necessary to extend the flexible connector through the top closure of the package, however, the free end of the flexible connector may be brought to the exterior of the package in any way desired, and likewise it is not necessary to secure the free end to the exterior of the package by a frangible seal on the top, as the free end may be secured to the side of the package by the seal.

This invention is not limited to a bottle and a carton or bottle wrapper as any article may be packed in any form of package with a flexible connector secured by a seal to the article and to the exterior of the package by a seal, and the result of the invention will be accomplished.

The operation of this invention in all cases

will be the same. One end of the flexible connector is secured by a seal to the article and then passed to the exterior of the package before closure and secured to the exterior of the package by a seal, so that the article cannot be removed from the package without breaking the seal on one end or the other of the flexible connector.

What I claim is:—

10 1. In a package, the combination of a container having a closure and a removable article held in place therein by the closure, with a removal detector comprising a flexible connector, a frangible seal securing one end
15 of the connector to the article, said connector passing through the container, a frangible

seal securing the exterior end of the connector to the exterior of the container.

2. A removal detector for a package comprising a container having a closure and a removable article held in place therein by the closure, a connector, a frangible means for securing one end of the connector to the article, said connector passing to the exterior of the container during the closing of the package, and a frangible seal for securing the exterior end of the connector upon the exterior of the container.

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Witnesses:

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