

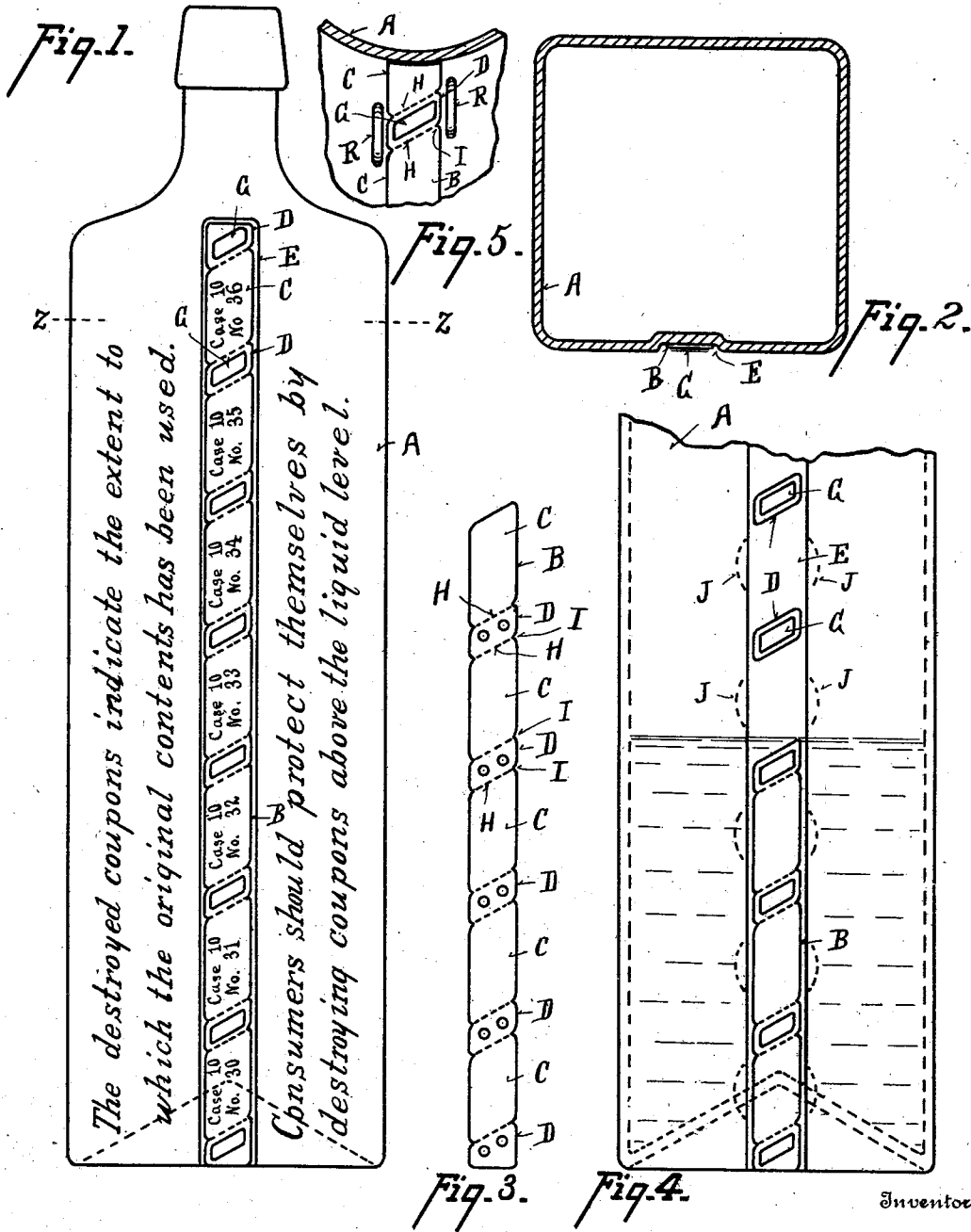
No. 703,530.

Patented July 1, 1902.

G. A. BROOKS.
SEALING DEVICE FOR BOTTLES.

(Application filed Nov. 29, 1901.)

(No Model.)



Inventor

Witnesses
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UNITED STATES PATENT - OFFICE.

GUS A. BROOKS, OF COVINGTON, KENTUCKY.

SEALING DEVICE FOR BOTTLES.

SPECIFICATION forming part of Letters Patent No. 703,530, dated July 1, 1902.

Application filed November 29, 1901. Serial No. 84,079. (No model.)

To all whom it may concern:

Be it known that I, GUS A. BROOKS, a citizen of the United States, residing at Covington, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Sealing Devices for Bottles, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in seals for bottles. One of its objects is to provide a seal attached to the side of the bottle or similar receptacle and adapted to be stripped from the side of the bottle in sections by the consumer to indicate the extent to which the original contents have been removed.

Another object is to provide an improved seal for the above purpose which will resist the action of ice or other water in which the bottle may be immersed.

Another object is to protect the seal from damage by the rubbing of the bottles in shipment or handling.

Another object is to provide means for readily detaching the several sections of the seal.

Another object is to provide a seal of the character described in which the several detachable sections are consecutively numbered or otherwise marked, so that an inducement may be offered to the consumers to detach the sections.

It also consists in certain details of form, combination, and arrangement, all of which will be more fully set forth in the description of the accompanying drawings, in which—

Figure 1 is a side elevation of a bottle with my improved seal applied thereto. Fig. 2 is a section through the same on line *zz* of Fig. 1. Fig. 3 is a plan view of a section of the seal ready to be applied to the bottle. Fig. 4 is a view similar to Fig. 1, showing the manner of detaching the seal-sections as the contents are consumed. Fig. 5 is a detail perspective view showing a modification.

The manufacturers of high-grade and special-grade liquors and similar articles are greatly annoyed and their business injured by retailers who refill and partially refill the

bottles with inferior goods, and it is to prevent such practice on the part of the retailer that my seal is chiefly employed.

A represents a bottle such as is ordinarily employed for packing liquors.

B represents the seal, which is preferably formed of a waterproof material, generally paper, which has been treated to render it waterproof. The seal is formed into alternate sections C D and of the length of the body of the bottle. The sections D are perforated, so as to permit the passage of the wax or other sealing material to the under side of the strip, so as to cause it to adhere to the bottle.

E represents a depression which is preferably formed in the outer face of the bottle and in which the sealing-strip is placed, so that it will not come in contact with or be injured by adjacent bottles or packing material.

G represents the wax employed to secure the strip to the bottle.

In practice the strip is formed, as shown in Fig. 3, with scores or perforations H between the several sections and is preferably provided with indentations I at the edges to facilitate tearing out of the sections C. The strip is then applied and secured to the bottle by means of wax dropped on each of the sections D, as shown in Fig. 1. As the consumer pours out a portion of the contents one of the sections C, just above the level of the liquid in the bottle, is detached, thereby indicating that the original contents have been removed to the point indicated by the removed section of the seal, as indicated in Fig. 3. To facilitate the removal of the sections, further depressions J (indicated in dotted lines, Fig. 3) may be formed in the bottle to admit the fingers in removing the sections. As a further inducement for the consumer to remove the sections C and also in order to increase the consumption the sections C may be consecutively numbered and a prize offered for the return of said sections to the manufacturer.

In Fig. 5 I have shown a modification in which either a round or rectangular bottle is provided with raised external ribs R, located, preferably, on opposite sides of the successive

sections D, so as to protect the sealing-strip from injury, at the same time permitting the sections C to be readily detached.

Having described my invention, what I claim is—

1. In combination with a receptacle, a strip divided into sections by means of lines adapted to promote the severing of the sections, said strip being sealed at alternate sections to the plain exterior of the receptacle, the intermediate unattached sections being adapted to be severed or detached by the consumer to indicate the extent to which the original contents have been removed.

2. In combination with a receptacle, a strip of waterproof material divided into a series of sections by means of lines adapted to promote the severing of the sections and secured to the receptacle at alternate sections, the intermediate sections not being attached to the receptacle but adapted to be successively detached by the consumers to indicate the extent to which the original contents have been removed.

3. In combination with a receptacle, a sealed strip for the purpose specified divided into sections and having perforations in the

alternate sections for the passage of the sealing material.

4. In combination with a receptacle, a sealed strip for the purpose specified divided into sections and having indentations at the edges, and perforations in the alternate sections for the passage of the sealing material.

5. In combination with a receptacle, a sealed strip for the purpose specified divided into sections and having perforations in the alternate sections for the passage of the sealing material, the detachable sections of said strip being consecutively numbered.

6. In combination with a receptacle, a sealing-strip sealed in a vertical position to the exterior of said receptacle at short intervals, and adapted to be severed between the points at which it is sealed; and means for protecting said sealing-strip against damage in handling or shipment.

In testimony whereof I have affixed my signature in presence of two witnesses.

GUS A. BROOKS.

Witnesses:

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