Aug. 9, 1932. R. R. GROOMES ET AL 1,870,907

BOX

Filed April 10, 1930

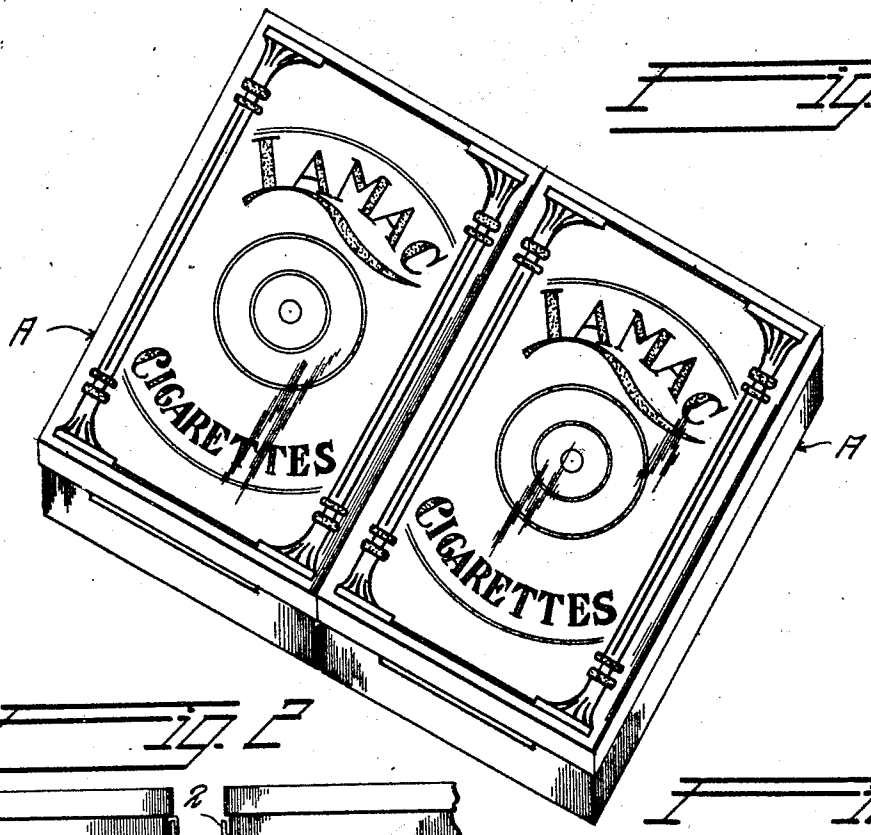


Fig. 1

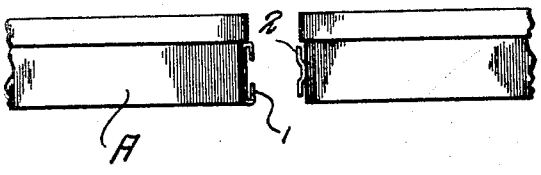


Fig. 2

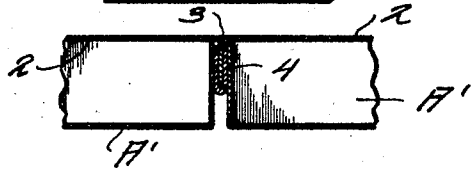


Fig. 3

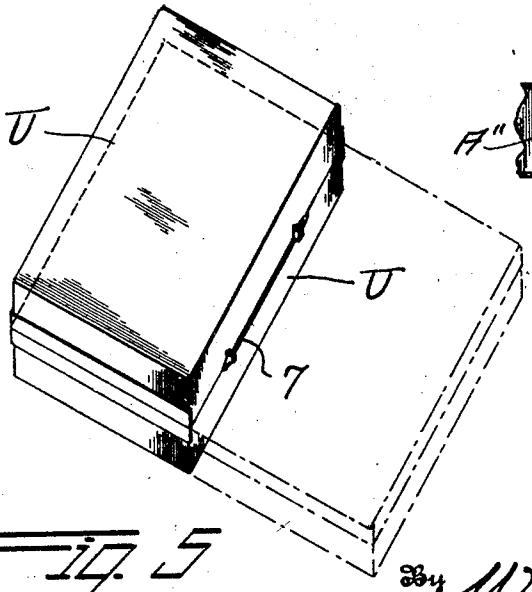


Fig. 5

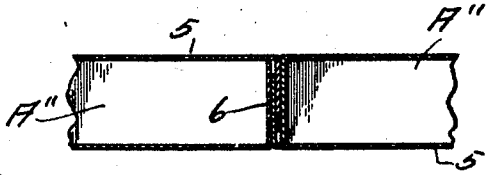


Fig. 4

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UNITED STATES PATENT OFFICE

REISTER R. GROOMES AND PHILIP A. LADDON, OF WASHINGTON, DISTRICT OF COLUMBIA

BOX

Application filed April 10, 1930. Serial No. 443,330.

This invention relates to boxes and has relation more particularly to a box especially designed for use in connection with cigarettes and kindred merchandise, and it is an object of the invention to provide a box comprising two substantially duplicate units having means whereby said units may be detachably connected one to the other in a manner to simulate a package of a larger size.

It is also an object of the invention to provide a box structure comprising two substantially duplicate units having coacting means to permit the same to be detachably connected one to the other to give the appearance of a single package and allowing the units to be readily separated for convenient individual use and more especially for insertion within the pocket of a garment or the like.

The invention consists in the details of construction and in the combination and arrangement of the several parts of our improved box whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of our invention will hereinafter be definitely claimed.

In order that our invention may be the better understood, we will now proceed to describe the same with reference to the accompanying drawing, wherein:—

Figure 1 is a view in perspective of a box constructed in accordance with an embodiment of our invention;

Figure 2 is a fragmentary view in end elevation of the box as illustrated in Figure 1 with the units separate;

Figure 3 is a fragmentary detailed sectional view illustrating a further embodiment of our invention;

Figure 4 is a fragmentary detailed sectional view illustrating another embodiment of our invention;

Figure 5 is a view in perspective illustrating a still further form of our invention.

As disclosed in the accompanying drawing, our improved box comprises two substantially duplicate units A which, when arranged side by side and in coplanar relation, are in simulation of a larger package of a type now general on the market. Each of the units A constitutes a separate container whereby each unit may be conveniently and advantageously used as an individual container.

As particularly illustrated in Figure 2 of the drawing, a side wall of one of the units A has provided therealong a groove or trackway 1 with which is adapted to slidably engage and interlock a plate 2 carried by the side wall of the second unit A, thus permitting the units A to be detachably secured one to the other in substantially a rigid manner and with the units in coplanar relation as illustrated in Figure 1.

As is illustrated in Figure 2, it is to be noted that the groove or trackway 1 is substantially in the form of a C in cross section and that the plate 2 has its central portion secured to its wall with the longitudinal marginal portions of the plate free for proper interlocking engagement within the groove or trackway 1. It is also to be stated that the opposite ends of the groove or trackway are open so that the plate 2 may be engaged within said groove or trackway 1 at either end thereof.

As illustrated in Figure 1, the assembled units A have the close simulation of a large type of box now generally in use for the dispensing of cigarettes and kindred merchandise and which larger boxes are of such dimensions to prohibit the same being readily inserted within the pocket of a garment or the like. By having the package comprise the detachably connected units A, said units can be readily separated to permit each of the units to be individually used and which unit is of such size as to be readily placed within a pocket.

In the embodiment of our invention as illustrated in Figure 3, the lid 2 of one of the units A′ has a flange 3 which detachably interlocks with a reverted flange 4 carried by the lid 2 of the second unit A′, whereas in the embodiment of our invention as disclosed in Figure 4, the covers 5 of the assembled units A″ open in opposite directions and when said covers or lids 5 are closed, certain

of the flanges 6 thereof overlap and are tightly engaged between adjacent side walls of the assembled units A''.

In the forms of our invention as illustrated in Figures 1 to 4 the units, when in connected assembly, are arranged side by side whereas in the embodiment of our invention as illustrated in Figure 5, the units U are adapted to swing one upon the other and held in assembled relation by a coacting and preferably removable pintle 7.

From the foregoing description it is thought to be obvious that a box constructed in accordance with our invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and employed, and it will also be obvious that our invention is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason we do not wish to be understood as limiting ourselves to the precise arrangement and formation of the several parts herein shown in carrying out our invention in practice except as hereinafter claimed.

We claim:—

A box for dispensing cigarettes and the like comprising two substantially duplicate units having side walls, a trackway extending along the side wall of one unit and disposed outwardly thereof, a plate fixedly carried by a side wall of the second unit interlocking with the trackway of the first unit, said plate allowing one unit to readily slide with respect to the other, the trackway being substantially C-form in cross section and secured along its intermediate portion to the side wall, the plate having its central portion anchored to its side wall with the longitudinal marginal portions of the plate free.

In testimony whereof we affix our signatures.

REISTER R. GROOMES.
PHILIP A. LADDON.