No. 761,621. PATENTED MAY 31, 1904.

R. C. WRIGHT & D. K. WADE.

BOX.

APPLICATION FILED NOV. 3, 1903.

NO MODEL.

Fig. 1.

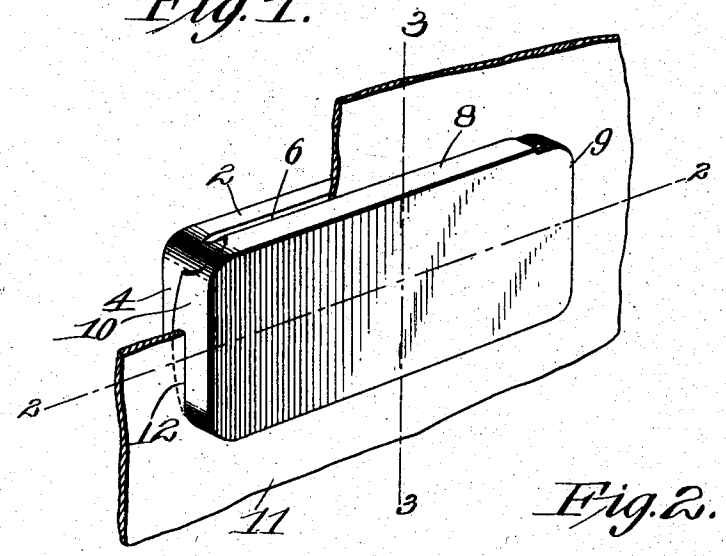


Fig. 2.

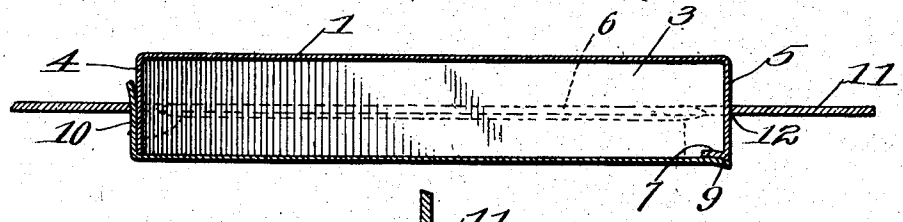
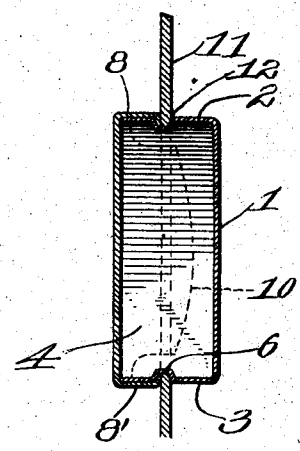


Fig. 3.



Witnesses
E. F. Stewart
B. F. Funk

Ralph C. Wright and
David K. Wade, Inventors
by Cachow & Co
Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 761,621. Patented May 31, 1904.

UNITED STATES PATENT OFFICE.

RALPH C. WRIGHT AND DAVID K. WADE, OF McPHERSON, KANSAS.

BOX.

SPECIFICATION forming part of Letters Patent No. 761,621, dated May 31, 1904.

Application filed November 3, 1903. Serial No. 179,727. (No model.)

To all whom it may concern:

Be it known that we, RALPH C. WRIGHT and DAVID K. WADE, citizens of the United States, residing at McPherson, in the county of McPherson and State of Kansas, have invented a new and useful Box, of which the following is a specification.

This invention relates to metallic boxes, and has for its object to provide a simple durable box which can be easily die-struck, so as to reduce the cost of manufacture and at the same time provide a substantially air-tight box. It is primarily intended to employ the box for packaging medicinal tablets, and in this connection a suitable advertising-panel will be employed; but the box may be utilized for other purposes.

The novel details of construction of the invention, as well as some of the advantages thereof, will appear in the following description, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a box applied to a panel. Fig. 2 is a longitudinal sectional view of the box and panel, and Fig. 3 is a cross-sectional view through the box and panel.

The box comprises a bottom plate 1, side flanges 2 and 3, and end flanges 4 and 5. The side flanges are provided with longitudinally-disposed exterior grooves 6, which are arranged intermediate the top and bottom edges of the side flanges 2 and 3. On the top edge of one of the end flanges is an inwardly-disposed guard-tongue 7, which is substantially on the same plane as the top edge of the box; but this tongue has a slight yielding tendency, permitting it to abut against the under side of the lid and hold it in engagement with the box. The lid consists of a top plate having side flanges 8 and 8′, which are provided with inturned edges for engagement with the grooves 6, which serve as guides therefor. Inasmuch as the walls of the grooves are inclined, they will have a tendency to draw the top plate of the lid down tight upon the edges of the box, so that the frictional contact will have a tendency to hold it in position. A lip 9 is outwardly disposed on the top plate of the lid and in the same plane as the adjacent portion thereof, so as to be engaged by the tongue 7, so that dust and other foreign matter will be excluded from the box, and at the same time the tongue will bear against the lid, so as to hold the same on the box. At the end of the lid opposite to the lip 9 is a depending flange 10, disposed at a right angle to the top plate of the lid and constituting a finger-piece to be engaged by the nail of the finger, so as to move the lid, and as a stop to limit the movement of the lid in a forward direction. The flange 10 normally lies flush with the end of the box, the free end only being spaced away from the box to permit the insertion of the finger-nail.

11 designates a panel of a display-rack having an opening 12 therein coinciding to the size of the box, the edges of the opening being adapted to engage the grooves in the side flanges of the box, so as to hold it in place. The flange or finger-piece 10 extends beyond the line of the grooves, so that when the box is in place the flange will be interposed between the edge of the opening and the box, making it impossible to surreptitiously remove the contents of the box by sliding the lid off while the box is in the opening of the panel. The slight tendency of the flange 10 to spring will also materially assist in retaining the box in place.

What we claim is—

1. The combination with a panel having an opening, of a box provided with a groove for engagement with the edges of an opening, and a sliding lid engaging the groove and having a terminal depending flange projecting into a plane below the groove and held by the edges of the opening in the panel to prevent opening of the lid.

2. The combination with a panel having an opening, of a box provided with a groove for engagement with the edges of the opening, and means for contact with the edges of the opening to prevent movement of the lid when in the opening.

3. A box comprising a bottom having side and end flanges, the side flanges being provided with longitudinal grooves intermediate the top and bottom edges thereof, an inwardly-disposed lip at one end of the box, and a lid

for the box comprising a top plate having side flanges to overlap the side flanges of the box and having inturned edges for engagement with the groove, a projecting lip on the top plate and on the same plane as the adjacent portion of the plate to overlap the inwardly-disposed flange on the box, and an engaging device carried by the lid to permit movement of the box.

4. A box having at one end, at its upper edge, an inwardly-extending tongue, and a slidable cover overlapping and frictionally engaging said tongue.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

RALPH C. WRIGHT.
DAVID K. WADE.

Witnesses:
THOS. C. SAWYER,
CARL A. GRANT.