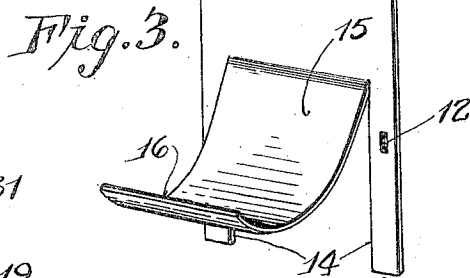
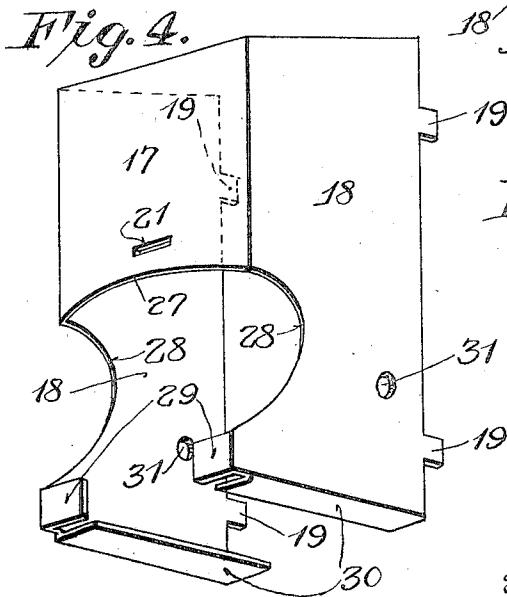
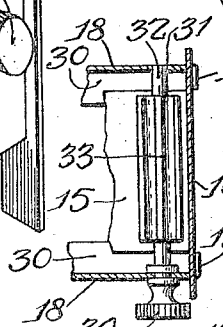
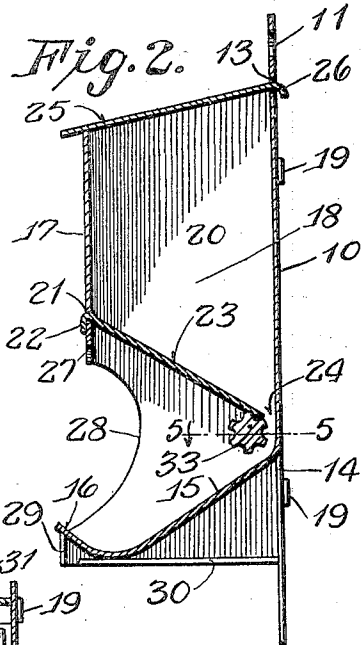
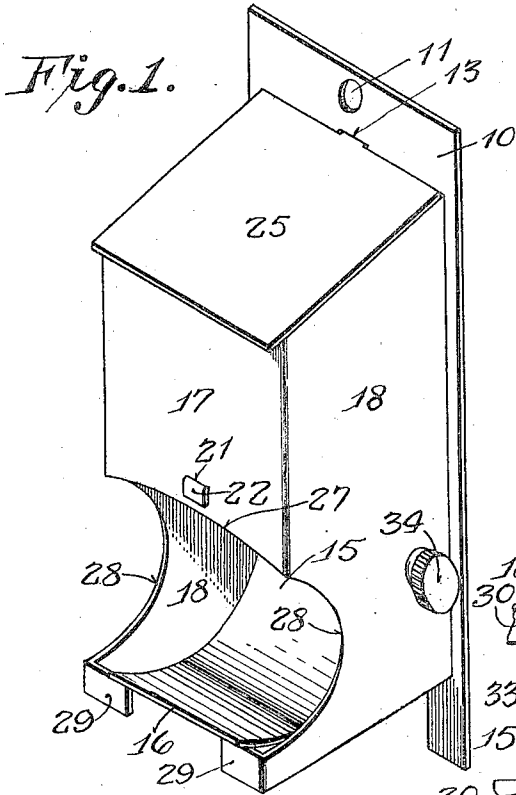


S. K. NOME LAND.  
 NOVELTY MATCH BOX.  
 APPLICATION FILED MAY 8, 1920.

1,400,904.

Patented Dec. 20, 1921.



Inventor  
*Sam K. Nomeland.*

By *[Signature]*

Attorney

# UNITED STATES PATENT OFFICE.

SAM K. NOMELAND, OF PORTER, MINNESOTA.

## NOVELTY MATCH-BOX.

1,400,904.

Specification of Letters Patent. Patented Dec. 20, 1921.

Application filed May 8, 1920. Serial No. 379,379.

*To all whom it may concern:*

Be it known that I, SAM K. NOMELAND, a citizen of the United States, residing at Porter, in the county of Yellow Medicine, State of Minnesota, have invented certain new and useful Improvements in Novelty Match-Boxes; 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.

This invention relates to single delivery match boxes and it has for its object to provide a construction the body of which is stamped from sheet metal, with its parts easily connected, so that the entire structure is most economical of manufacture.

A further object of the invention is to provide a construction in which the feed roller serves as a support for the inner end of the hopper bottom, while the hopper bottom, in turn, serves as a pawl that engages the ribs of the corrugated roller and prevents reverse rotation of the latter.

Reference is had to the accompanying drawings forming a part of this application, wherein like characters designate corresponding parts throughout the several views, in which—

Figure 1 is a perspective view of the improved match box,

Fig. 2 is a vertical sectional view,

Fig. 3 is a perspective view of the back portion of the box, and

Fig. 4 is a perspective view of the part of the box from which the front and sides are produced.

Fig. 5 is a cross section on the line 5—5 of Fig. 2.

Referring to the drawings in detail, the numeral 10 designates the back portion which comprises a blank section of sheet metal or the like having an opening 11 for receiving a nail or the like by which the device is suspended against a wall or upright. The blank forming the back 10 is of rectangular outline vertically elongated and formed at spaced points along the side edges thereof with slots 12 punched or stamped from the metal and beneath the opening 11 is a horizontal slot 13, as distinguished from the slots 12 which are vertically disposed. At the bottom, said back portion is split vertically from its bottom edge as shown at 14, the intermediate portion thus provided being bent to form an

inclined tray 15 which is curved upwardly at its free end as shown at 16, in order to prevent displacement of the matches or articles delivered thereinto after rolling down the inclined portion 15, as will be further explained.

The front portion is produced from a sheet metal blank forming the front wall 17 having the side edges bent rearwardly at right angles to produce sides 18 formed at their rear edges with tongues or projections 19 so spaced apart relatively as to pass through the slots 12 so that by bending these tongues against the back of the box, a compartment 20 is thus produced. The front 17 is provided with a horizontal slot 21 adapted to receive a projection or tongue 22 of a downwardly and rearwardly inclined bottom 23 which thus forms a hopper for receiving the matches in bulk and feeding the same to a discharge slot 24 produced by terminating the inclined bottom 23 at a slight distance from the back 10. The top edge of the body portion formed by the front and sides 17 and 18 respectively, is inclined forwardly in the preferred embodiment and the top of the box is closed by a cover 25 which is hinged to the back 10 by means of a curved tongue or projection 26 engaging the horizontal slot 13, thus forming a simple and effective hinge for the cover.

The front portion 17 is recessed near its bottom portion as shown at 27, said recess preferably having an arched top and side edges extending into the sides 18 as shown at 28, below which are formed inwardly extending or bent retaining fingers 29 which are also engaged by the tray portion 16 in order to prevent the matches from rolling out of the tray. The bottom edges of the sides 18 are bent inwardly as shown at 30 thus forming rests for the tray while the recess 27 permits the matches deposited in the tray to be readily grasped and removed. The sides 18 are further provided with apertures 31 immediately below the rear portion of the inclined bottom 23 so as to receive the ends of a pin or shaft 32 having mounted thereon a longitudinally grooved or corrugated roller or cylinder 33 designed to receive and discharge the matches one at a time by reception within the grooves thereof and partial turning of the cylinder in a clock-wise direction, the shaft 32 being provided with a thumb-wheel or knob 34 on one

of its ends projecting from the sides 18, so that it may be turned for the purpose stated. It will thus be seen that the box can be constructed of comparatively few parts, five in all, counting the shaft, cylinder and knob as a single part or element so that it can be very cheaply produced.

The grooved cylinder or roller 23 is preferably made of wood and is of a length somewhat less than the length of the recess 27 or the width of the box, thereby avoiding direct contact with the heads of the matches due to the spaces provided at each end of the roller or between said ends and the sides of the box. The inclined bottom 23 at its rear or free edge terminates adjacent the roller 23 and by engagement with the corrugations or grooves therein, serves to prevent rotation or turning thereof in a reverse or anti-clockwise direction, and also, by reason of the frictional engagement, prevents accidental discharge or falling out of the matches.

What is claimed is:

25 1. A match box comprising a back plate having a tray struck from its lower end portion with resultant spaced legs, and integral sheet metal front and side portions secured to the back plate above the tray  
30 and to the legs at the sides of the tray, the sides of the box having their lower edge

portions extending inwardly toward each other, the tray extending forwardly in arc shape from the back plate and resting upon the inwardly directed portions of the sides, the tray being accessible from the front of the box. 35

2. A match box, comprising a back plate having an arc shaped tray struck from its lower end portion, with resultant spaced legs, and having openings through it both above the tray and through the legs, a second plate constituting the front and sides of the box, the sides having tongues engaged in the corresponding openings of the back plate and the sides having their lower end portions directed toward each other and in supporting relation to the tray, the sides having integral fingers extending toward each other also in supporting relation to the tray, and the sides and front being cut away above the fingers with resultant access to the tray, and means for feeding matches from the upper portion of the box to the tray. 40 45 50 55

In testimony whereof, I affix my signature in the presence of two witnesses.

SAM K. NOMELAND.

Witnesses:

FRANK NOMELAND,  
Mrs. GEO. KINDELBERGER, Jr.