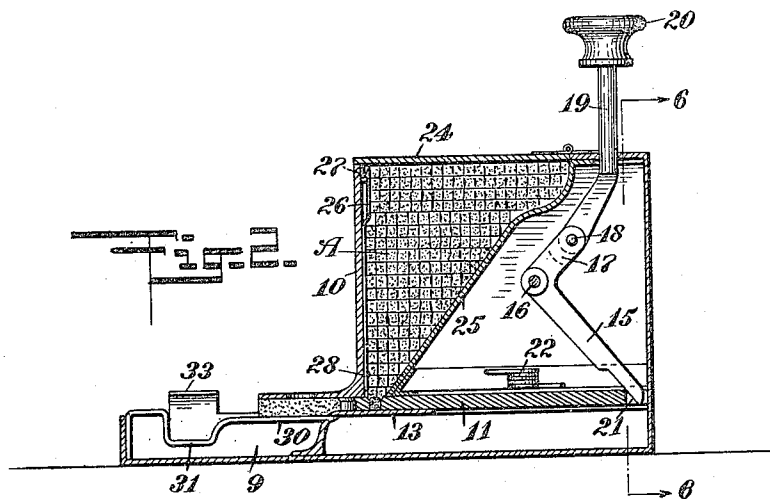
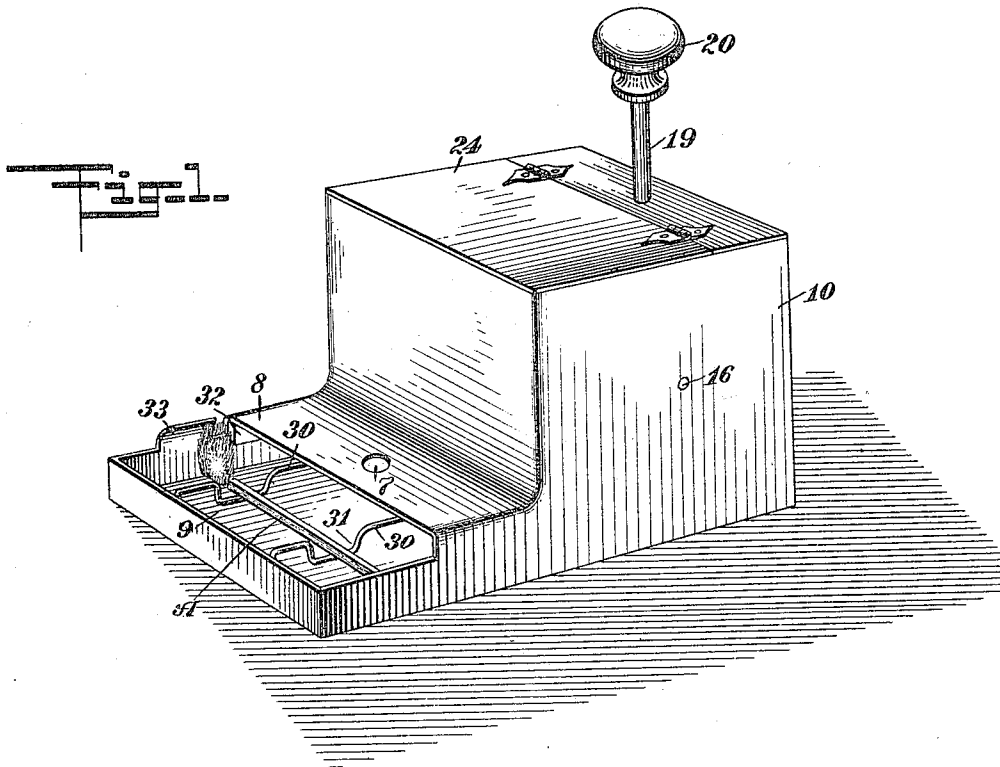


J. P. CROSTHWAIT.
CIGAR CUTTING MATCH RECEPTACLE.
APPLICATION FILED MAY 13, 1909.

949,524.

Patented Feb. 15, 1910.

2 SHEETS—SHEET 1.



WITNESSES

F. J. Hackenberg.
J. P. Davis

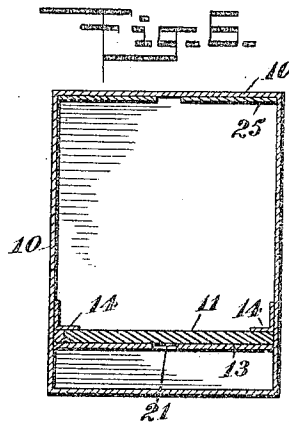
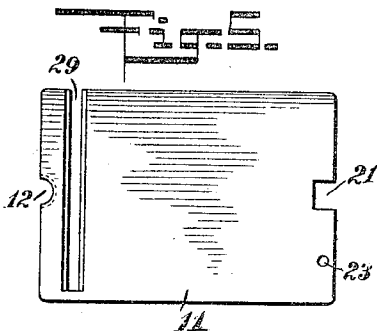
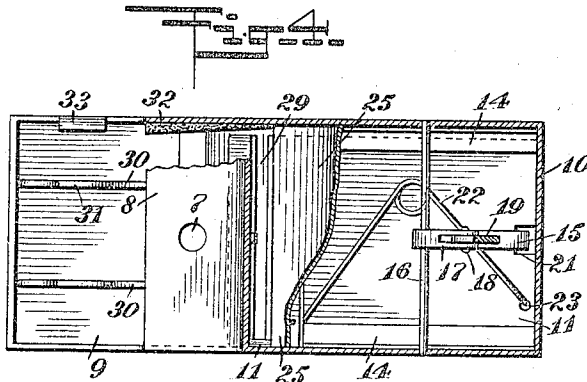
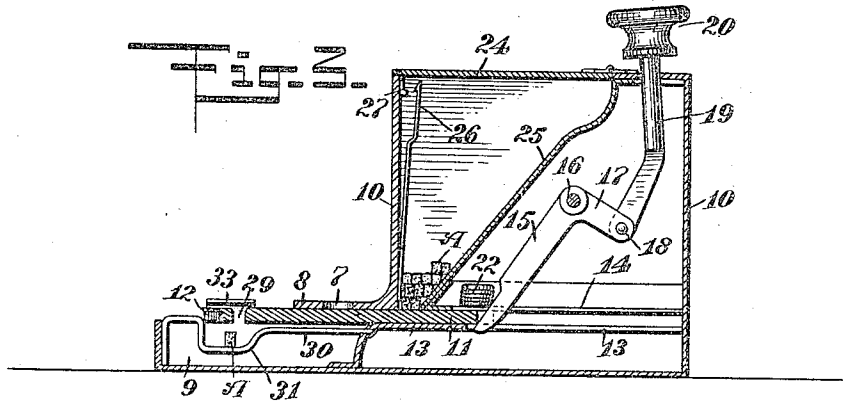
INVENTOR
John P. Crosthwait
BY *Mumfords*
ATTORNEYS

J. P. CROSTHWAIT.
CIGAR CUTTING MATCH RECEPTACLE.
APPLICATION FILED MAY 13, 1909.

949,524.

Patented Feb. 15, 1910.

2 SHEETS—SHEET 2.



WITNESSES

F. J. Hachburg.
J. P. Davis

INVENTOR

John P. Crosthwait

BY

Munroe

ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN PERRY CROSTHWAIT, OF SADIEVILLE, KENTUCKY.

CIGAR-CUTTING MATCH-RECEPTACLE.

949,524.

Specification of Letters Patent.

Patented Feb. 15, 1910.

Application filed May 13, 1909. Serial No. 495,630.

To all whom it may concern:

Be it known that I, JOHN P. CROSTHWAIT, a citizen of the United States, and a resident of Sadieville, in the county of Scott and State of Kentucky, have invented a certain new and useful Cigar-Cutting Match-Receptacle, of which the following is a full, clear, and exact description.

The objects which the present invention have more particularly in view are: to provide a device wherein matches are delivered successively and in a lighted condition; to provide a device which delivers a match and simultaneously cuts the end of a cigar; to provide a device wherein the matches are stowed in a receptacle to be delivered therefrom successively; to maintain the lock in said receptacle in operative position until the matches are completely or nearly exhausted; and to provide a simple, inexpensive and efficient construction of the device, to accomplish the above mentioned objects.

One embodiment of the invention is disclosed in the construction shown in the accompanying drawings, wherein like characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of a device constructed in accordance with the present invention; Fig. 2 is a vertical longitudinal section of the construction shown in Fig. 1; Fig. 3 is a vertical longitudinal section, the operating parts being shown in their delivering position; Fig. 4 is a horizontal section, the upper portion of the reservoir having been removed; Fig. 5 is a detail view of the match delivering and cigar cutting plate; and Fig. 6 is a vertical cross section taken on the line 6—6 in Fig. 2.

In the operation of the present device, two leading purposes are served, to wit: to sever the end of a cigar and to deliver a match simultaneously. The end of a cigar is inserted in a perforation 7 in the apron 8 of the box-like structure. Below the apron 8 there is provided a tray 9, to receive the cigar cuttings when severed. Reciprocated below the apron 8 and into the body 10 there is a plunger plate 11, in the forward edge of which is formed a half-circular cutting edge 12. The plate 11 is suitably mounted on the bottom 13 of the box 10, and between said bottom and guide flanges 14, which latter are fixedly mounted on the sides of the box 10. The plate 11 is advanced by the long arm 15 of a bell crank, which is piv-

otally mounted on the shaft 16, and the short arm 17 of which is hingedly connected at 18 to a plunger 19, mounted in a suitable perforation in the top of the box, and provided at the upper end with a hand rest 20. When by means of the hand rest 20 the plunger 19 is depressed, it carries the short arm 17 of the bell crank lever downward. When the short arm 17 of the bell crank lever is depressed, the long arm 15 is compelled to swing about the center 16 which by reason of its disposition carries the end of the arm 15 toward the front of the box. The arm 15 is extended within a recess 21 in the rear of the plate 11, compelling the said plate to travel forward when the arm 15 is advanced as described. The cutter 12 slides in close proximity to the apron 8, and as the end of the cigar is protruded through the perforation 7 it is severed by the cutter 12 and drops into the tray 9. The plate 11 is retracted by a coiled spring 22, one end of which is suitably secured to the frame of the box 10, while the other end is turned into a perforation 23 suitably located in the plate 11. The plate 11 is advanced against the pressure of a spring 22. When the compelling pressure on the hand rest 20 is released, the coiled spring 22 leads the plate 11 and with it the bell crank and plunger, to the position shown in Fig. 2 of the drawings.

When the tray 9 becomes filled with cuttings they are removed therefrom, it being not inconvenient to lift the device and pour the cuttings from the said tray.

Besides the function just described, with regard to the cutting operation for the ends of the cigars, the box 10 is employed as a match holder. The matches are introduced through a hinged door 24, into a compartment formed by an inclined wall 25, separating the box into the two compartments; that forward of the wall 25 being a receptacle for matches, while that back of the said wall forms a space for the operative members for advancing and retracting the plate 11 as just above described. The top 24 is secured in a locked position by a spring latch 26, which in its locked position is adapted to engage a hasp 27 depending from the forward edge of the door 24. The spring latch 26 is secured rigidly to the side of the box 10 at 28, and is shaped to extend in its normal position away from the side of the box as shown in Fig. 3 of the drawings. Said spring is forced to the position shown

in Fig. 2 of the drawings by the crowding of the matches A inserted in the receptacle forward of the wall 25. So long as the receptacle remains comparatively filled with matches, the spring latch 26 is maintained in engagement with the hasp 27, thereby locking the match receptacle. By thus locking the receptacle there is prevented the wholesale extraction of matches from the receptacle when located in places of public resort.

The wall 25 is inclined forward to the lower edge, and forms a passage between the lower edge of the wall 25 and the front of the box 10 for the extraction of matches contained in the receptacle. The plate 11 is provided with a slot 29, which is sufficiently large to receive a single match, but which is restricted to receive not more than one. This slot in the normal position of the plate 11 is directly below the passage from the receptacle formed by the front of the box 10 and the inclined wall 25. Matches in this position, being unsustained, drop into the slot 29 and rest upon the bottom 13 of the box. When the match is held in the slot 29, as described, and the plate 11 is advanced to deliver the match or to sever the end of the cigar, the match is likewise carried forward. The forward limit of the movement of the plate 11 advances the slot 29 forward of the apron 8. The tray 9 extends under the apron 8 back of the perforation 7 therein. Where the bottom 13 terminates there are secured the two wire carriers 30, which support a match in the slot 29 until the slot passes over the depressed portions 31 of the carriers 30. When the slot 29 does extend thus over the depressed portions 31 the match A drops from the said slot and is supported above the tray 9 within the said depressed portions 31. When the plate 11 now is retracted, the match A is left in the tray 9 and within the depressed portions 31 of the carriers 30. In this position the match A is held most conveniently for handling, being raised slightly off of the bottom of the tray.

It is a further purpose of this device to light the matches as they are delivered. This is accomplished by means of an abrasive material 32 of any suitable character, and secured to the side of the box under the apron 8 and forward of the normal position of the slot 29. The abrasive material is formed in the slightly inclined or wedge shape shown in Fig. 4 of the drawings. This insures that the match will be subjected to sharp abrasion, as it is projected by the plate 11 out over the tray 9, and also insures the lighting of the match as the same is delivered from the box. The match thus delivered is lighted and rests, while burning, upon the depressed portions 31 of the carriers 30. To protect the garments of a person handling this device from the flame of

the match, I have provided the device with an overturned hood 33, which extends above the flame of the match.

With a device of the character herein described the operation is as follows:—A person having a cigar places the pointed end in the perforation 7. Then the hand rest 20 of the plunger 19 is depressed, causing the advance of the plate 11 carrying a match A. The cutter 12 advances against the cigar 10 and severs the same, while a continuation of the advance of the plate 11 delivers a lighted match on to the carriers 30 within the tray 9. Thus the customer has had a cigar cut and a match delivered in lighted condition.

By thus providing a receptacle for matches which may not be opened there is prevented, as above stated, the wholesale extraction of matches from receptacles generally placed in public resorts. By delivering the successive matches in a lighted condition, there is also prevented the extraction from the receptacle of more than one match.

When the matches in the device have become nearly exhausted, as shown in Fig. 3 of the drawings, they do not interpose against the outward expansion of the latch 26, which assumes its normal position, permitting the said latch 26 to release the hasp 27 and with it the door 24. The match receptacle can now be replenished.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:—

1. A match receptacle comprising a box-like holder having a rear wall inclined toward the front to form a constricted delivery passage; a hinged top for said holder having a depended shackle extended inside the said holder; a spring latch mounted upon the front wall of said holder at the bottom thereof and having at the upper end a locking head to engage said shackle, said latch formed to normally extend away from the said shackle; and an extracting mechanism to remove the matches from the said holder single and from the restricted passage thereof.

2. A match receptacle, comprising a holder for matches having formed at the bottom thereof a contracted delivery opening; a slide mounted in horizontal guides to form the bottom of said opening and having an open ended slot adapted to aline with said delivery opening to receive a single match therefrom, said slot being of less length than the match's length, an abrasive member stationarily mounted in the frame of said receptacle and in the path of the end of the matches when carried by or protruded from said slot; and a mechanism for reciprocating the said slide to deliver the matches from the said holder.

3. A match receptacle comprising a

holder for matches having formed at the
bottom thereof a contracted delivery open-
ing; a slide mounted in horizontal guides to
form the bottom of said opening and having
5 an open-ended slot adapted to aline with
said delivery opening to receive a single
match therefrom, said slot being of less
length than the match's length; an abrasive
member stationarily mounted in the frame
10 of said receptacle and in the path of the end
of the matches carried by or protruded
therefrom; a mechanism for reciprocating
the said slide to deliver the matches from the

said holder; a rack disposed below the said
slide when extended to receive and support 15
the match when delivered by said slide; and
a fender disposed above and extended over
said rack to receive the flame of the lighted
match when held on said rack.

In testimony whereof I have signed my 20
name to this specification in the presence of
two subscribing witnesses.

JOHN PERRY CROSTHWAIT.

Witnesses:

W. W. McCABE,

J. C. SMITH.