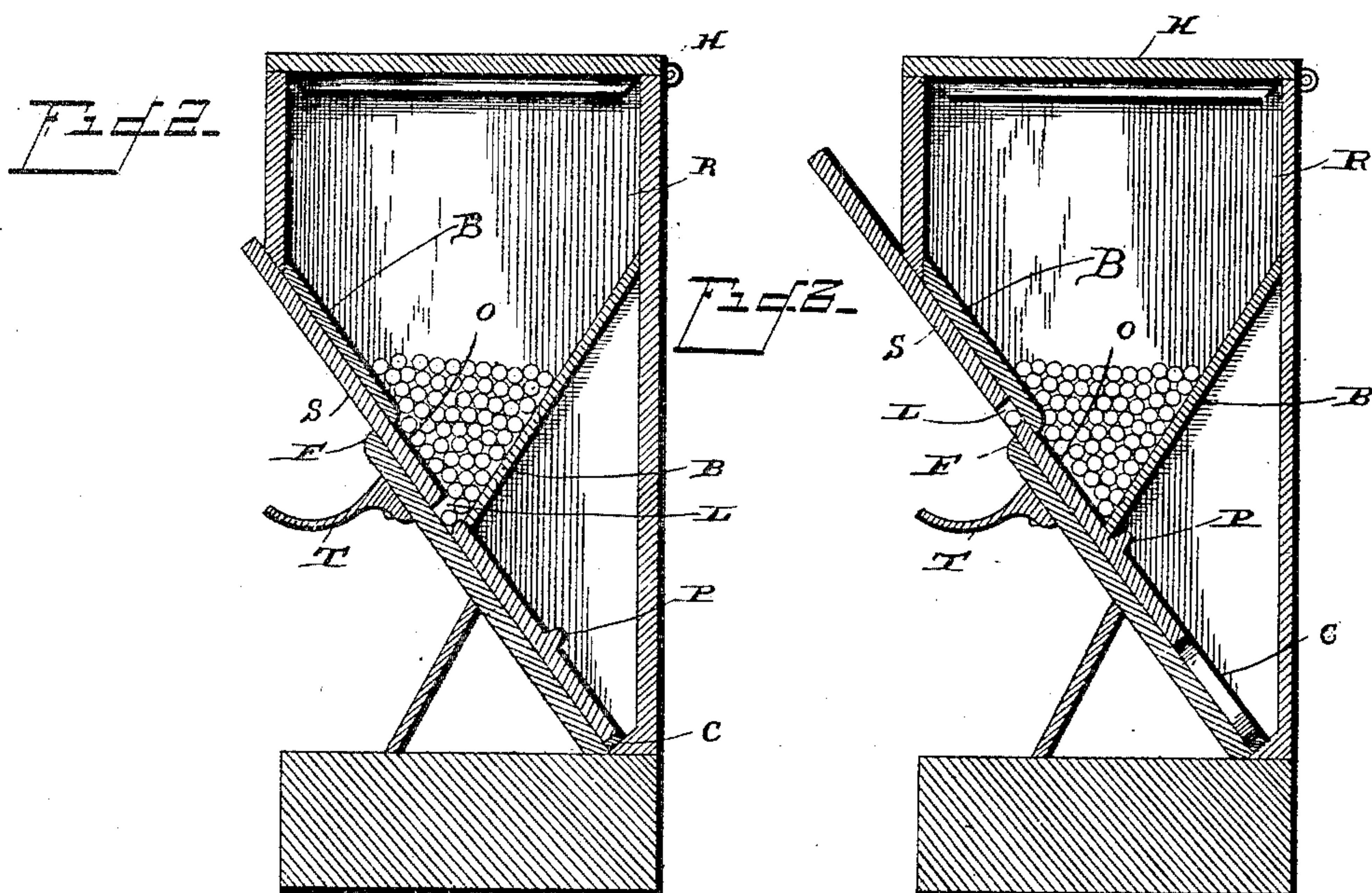
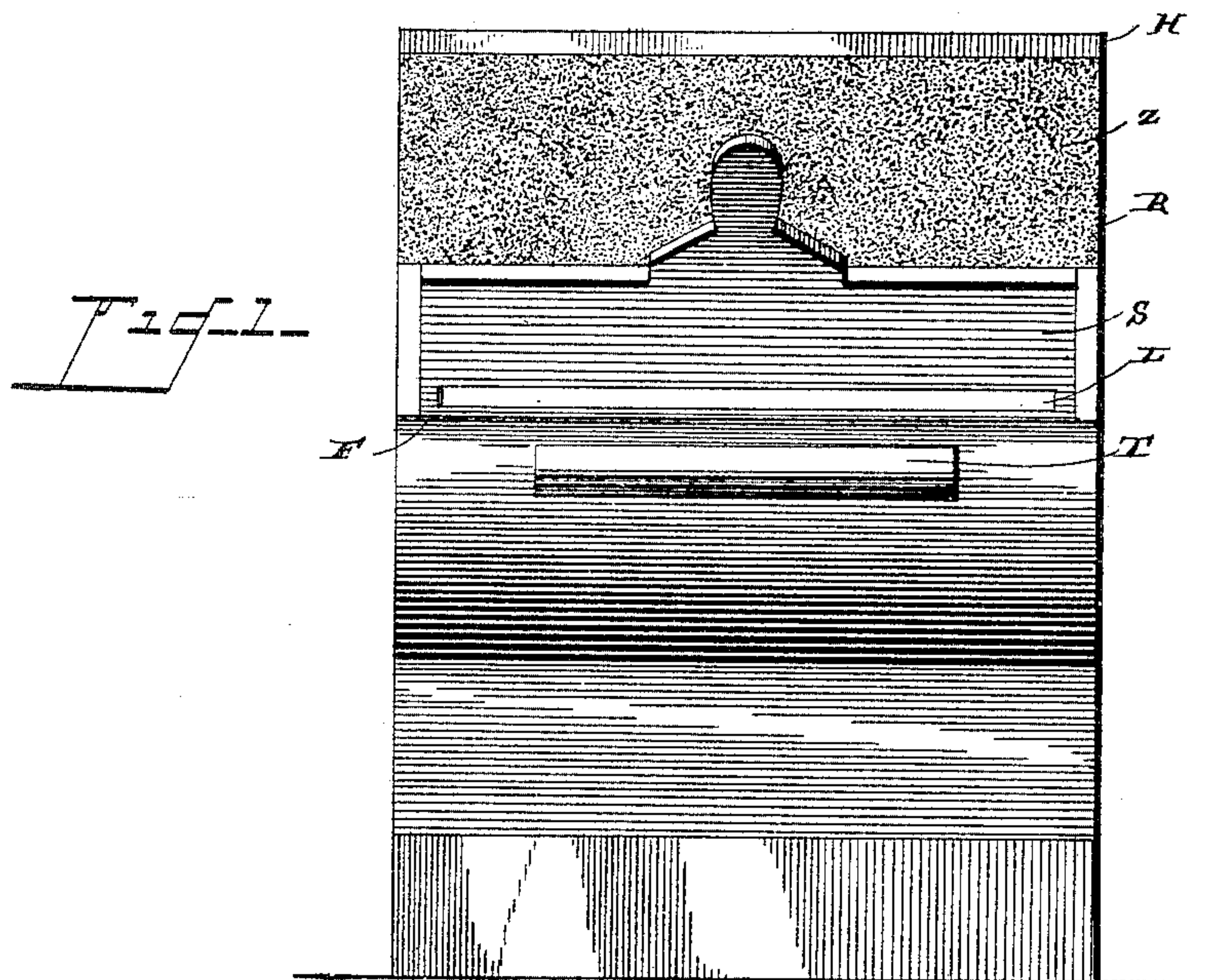


(No Model.)

L. M. PERVEIL.
MATCH SAFE.

No. 437,792.

Patented Oct. 7, 1890.



Witnesses:
Geo. E. French

A. J. Hollamer

By his Attorneys,

C. A. Snow & Co.

Inventor:
Leighton M. Perveil

UNITED STATES PATENT OFFICE.

LEIGHTON MACDONALD PERVEIL, OF MANHEIM, PENNSYLVANIA.

MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 437,792, dated October 7, 1890.

Application filed May 1, 1890. Serial No. 350,190. (No model.)

To all whom it may concern:

Be it known that I, LEIGHTON MACDONALD PERVEIL, a citizen of the United States, residing at Manheim, in the county of Lancaster and State of Pennsylvania, have invented a new and useful Match-Safe, of which the following is a specification.

This invention relates to match-safes of that class wherein one match is automatically taken from the reservoir or body of the device and brought into a position to be grasped by the user and ignited, and the object of the invention is to improve existing match-safes of this same general character.

To this end the invention consists in providing a slide moving in an inclined plane and provided with a slot through its body, into which slot the match passes from the reservoir in which it is held while the slide is rising, and from which it is delivered to be used, all as hereinafter more fully described, and as illustrated in the drawings, in which—

Figure 1 is a front elevation of this improved match-safe. Fig. 2 is a central transverse vertical section showing a match as being taken from the reservoir. Fig. 3 is a similar section with the parts in their normal position, showing the match as being delivered for use.

Referring to the said drawings, the letter R designates a reservoir having an inclined bottom B. S is a slide pressed normally upward by a spring C, and T is a tray, into which the matches are delivered from the slides, all as is common in this art.

Coming now to the present invention, the front side of the inclined or V-shaped bottom has a wide opening O, which is closed by the slide, which latter stands in an inclined plane, as shown. This slide has a long slot L through its body, which when the slide is depressed stands at the bottom or apex of the bottom B, and which when the slide is in its raised or normal position stands just above a rounded face F of the casing above a curved tray T. The spring C is preferably a flat piece of steel, although a spiral spring will answer as well, and is placed beneath the lower end of the slide, as usual. A stud or stop P is provided in the slide to prevent its displacement.

In operation the reservoir when filled with matches presents the appearance shown in

Figs. 2 and 3. The slide is depressed by hand until its slot stands opposite the opening or at the apex of the bottom, when a match automatically falls thereinto, and upon the pressure being removed the slide rises by the force of the spring C, carrying the match with it in its slot and against the front portion of the casing to its normal position, when the match automatically falls from the slot over the rounded face F into the tray T, and may be removed and ignited by scratching it on the sand-paper Z or elsewhere, as will be understood.

The reservoir can be filled through the hinged or removable cover H.

The advantage of this device over others is that by having the match move up an incline it is held more closely in the slot than if the slide moved vertically, as heretofore. Again, the slide is slotted, whereas it has been only grooved in former constructions, and it will be obvious that a match will be far less easily disengaged from a slot one of whose faces is closed than from a groove, especially if that groove is in one side or in the upper end of a slide that is rising through the matches in the reservoir. In the present case the weight of the matches in the reservoir tends more to press the match into the slot than to dislodge it therefrom, and the entire device is neat in appearance, inexpensive in manufacture, and certain in operation.

I claim as the salient features of this invention—

1. In a match-safe, the combination, with a reservoir having an inclined bottom, one portion of which is provided with an opening, of a slide moving against said portion and having a slot through its body, a spring pressing said slide upward so that its slot will be normally out of register with said opening, and a casing extending upwardly outside said slide to a point below the normal position of said slot, substantially as described.

2. In a match-safe, the combination, with a reservoir having a V-shaped bottom, one portion of which is provided with an opening, of a slide moving against said portion and having a slot through its body, a spring pressing said slide upward so that its slot will be normally out of register with said opening, a stop limiting the upward movement of the slide, a

casing outside the slide having a rounded upper face, and a tray below said face, the whole operating substantially as hereinbefore described.

- 5 3. In a match-safe, the combination, with a reservoir having an opening in its bottom, of a moving slide having a slot through its body, said slot standing normally out of register with said opening, and a tray outside the
10 reservoir and receiving the matches dropped

from the slot of the slide, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LEIGHTON MACDONALD PERVEIL.

Witnesses:

JNO. A. ENSMINGER,
JNO. M. ENSMINGER.