

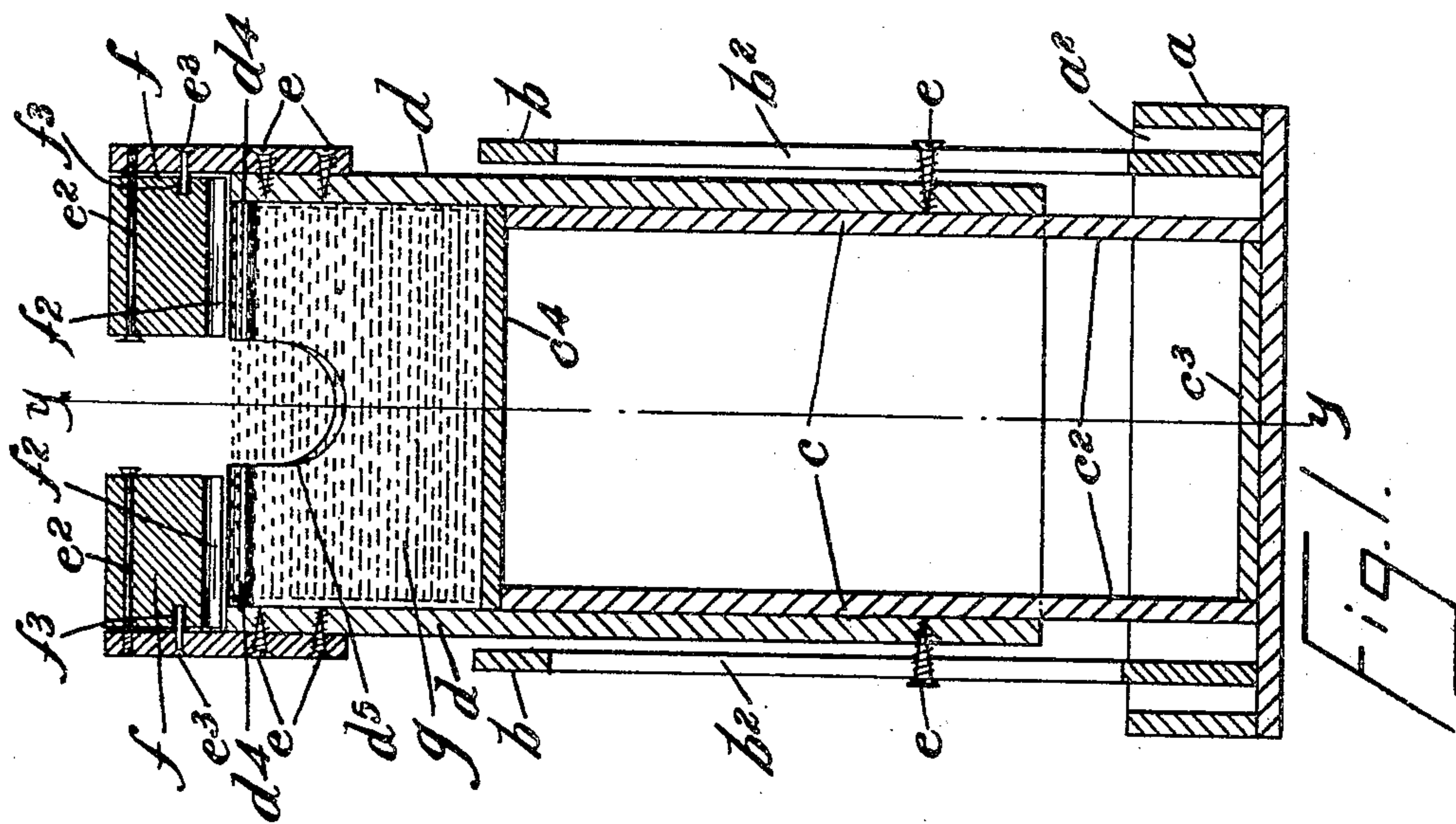
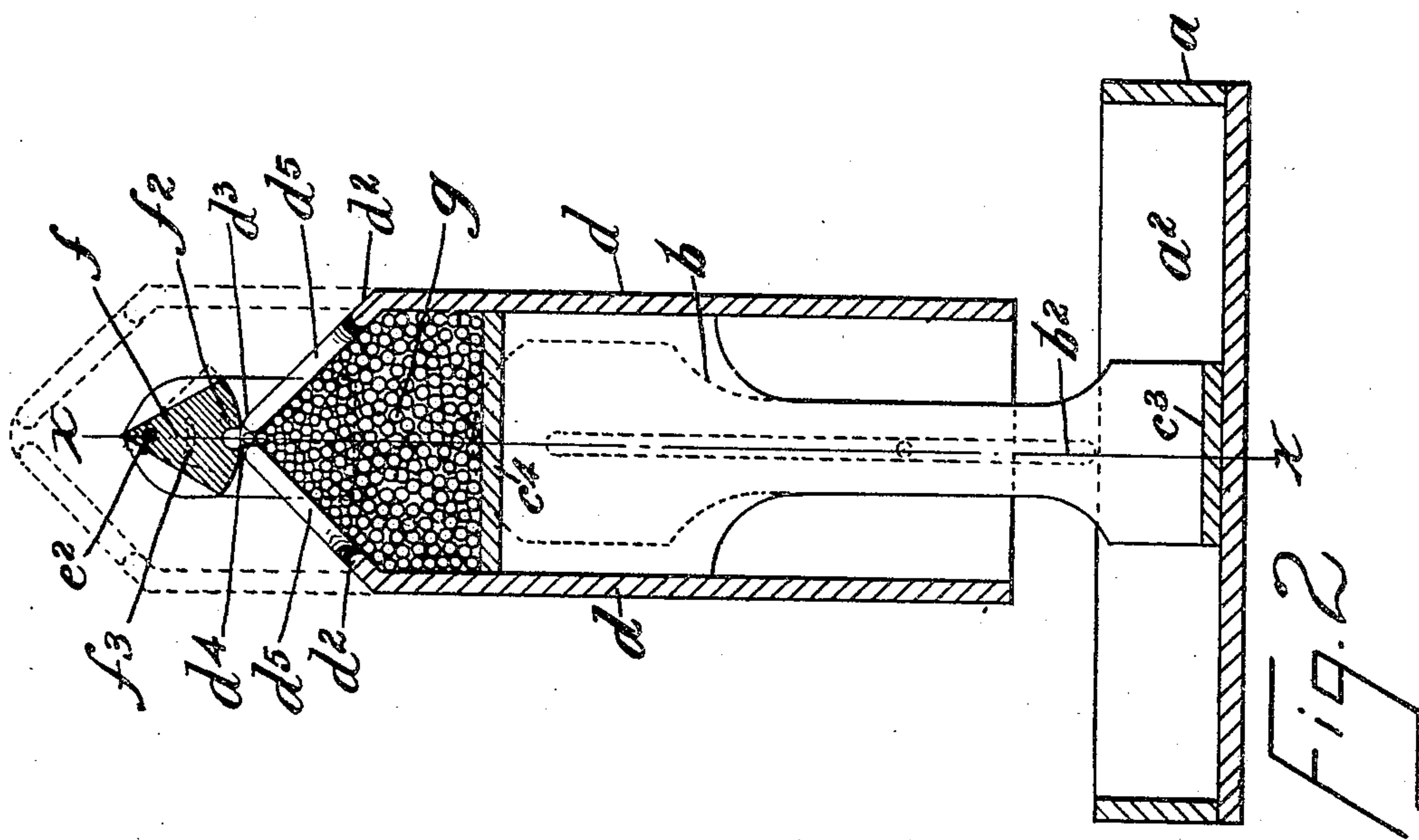
No. 801,010.

PATENTED OCT. 3, 1905.

P. HILBERT.

MATCH BOX.

APPLICATION FILED MAR. 6, 1905.



WITNESSES

F. A. Stewart
J. C. Lusk

INVENTOR

Peter Hilbert

BY

Edgar Tate & Co.,
ATTORNEYS

ATTORNEYS

UNITED STATES PATENT OFFICE.

PETER HILBERT, OF WHITEPLAINS, NEW YORK.

MATCH-BOX.

No. 801,010.

Specification of Letters Patent.

Patented Oct. 3, 1905.

Application filed March 6, 1905. Serial No. 248,403.

To all whom it may concern:

Be it known that I, PETER HILBERT, a subject of the Kingdom of Denmark, residing at White-plains, in the county of Westchester and State

of New York, have invented certain new and useful Improvements in Match-Boxes, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to match boxes or holders, and the object thereof is to provide an improved device of this class which will hold a large number of matches and from which only one match can be removed at a time, a further object being to provide an improved device of the class specified which is also provided with a receptacle for burned matches.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a central vertical section on the line xx of Fig. 2, and Fig. 2 a central vertical section on the line yy of Fig. 1.

In the practice of my invention I provide a base a , which is preferably rectangular in form and in which is a receptacle a^2 , which may be used as a receiver for burned matches or other articles, and said receptacle is provided near its opposite sides with standards b , each of which is provided with a vertical slot b^2 . (Shown in dotted lines in Fig. 2 and full lines in Fig. 1.)

Secured centrally in the receptacle a^2 and transversely thereof and between the standards b is an upright member c , composed in the form of construction shown of sides c^2 , a bottom plate c^3 , and a top plate c^4 , which is rectangular in form, and mounted on the upright member c is a vertically movable box d , which is free to move on the upright member c , and passing through the slots b^2 and the standards b are screws, pins, or similar devices e , which hold the box d on the upright member c and limit the upward movement of said box. The upright member c or the top portion thereof is so formed as to closely fit the box d and to provide a plunger movable freely in said box, and said upright member c may consist of a solid block, if desired, instead of being composed of separate parts, as herein shown and described.

The box d is provided at its upper end with

a top composed of opposite sides d^2 , which are inclined inwardly to form a cone-shaped apex d^3 , in which is a horizontal slot or opening d^4 , and the sides d^2 at the top of the box d are provided centrally thereof and in the top thereof with thumb and finger openings d^5 . The opposite sides of the box d are also provided with upwardly-directed members e , which may be formed integrally with the sides of said box or separately and be secured thereto, as shown in Fig. 1, and pivoted to said members e by horizontally-arranged rods or similar devices e^2 are blocks f , which in the form of construction shown are triangular in cross-section and the bottom surface of which are segmental or convex in cross-section and provided each with a longitudinal groove f^2 , and said blocks are free to swing on the pivot-pins e^2 ; but in the normal position of said blocks the grooves f^2 in the bottom thereof are directly over the slots d^4 in the top side portions of the top of the box d , and said blocks are provided in their outer ends each with a segmental groove f^3 , (shown in dotted lines in Fig. 2 and full lines in Fig. 1,) and the upright side members e are provided with pins e^3 , movable in said grooves, and whereby the lateral swing of the blocks f is limited, said blocks being adapted to swing through an arc slightly greater than the transverse diameter of the grooves f^2 in the bottom thereof.

It will be observed that by taking out the screws or other devices e the box d may be removed from the upright member c , and in practice the said box is removed from said member and partially filled with matches, as shown at g , and while holding the box d in an inverted position the base a is manipulated so as to insert the upright member c thereinto, after which the device, with the separate parts assembled, is turned into an upright position, as shown in Figs. 1 and 2, and the screws or other devices e are secured in place.

When the matches have been placed in the box d and the separate parts of the device connected in the manner described, the matches g are forced upwardly into the top of the box d , as shown in the drawings, the said box being supported by the matches on the upright member c , and the top portion of the box is entirely filled with matches, and in order to remove a single match from the holder or from the box d the said match is grasped by the thumb and finger of one hand through the openings d^5 in the opposite sides of the top of the box

and is removed through the slots d^4 . In this operation the match enters the grooves f^2 in the bottom of the blocks f and is moved or drawn out laterally, the blocks f swinging to one side, as indicated in dotted lines in Fig. 2, so as to permit the removal of the match, and it will be apparent that only one match can thus be removed at a time.

This device is simple in construction and operation and perfectly adapted to accomplish the result for which it is intended, and changes in and modifications of the construction described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

A match-holder, comprising a base portion provided with standards having vertical slots, said base portion being also provided with a central upright member placed between said standards, a vertically movable and removable box mounted on said central upright member and the lower end of which is open and in which the top of said upright member operates as a plunger, said box being provid-

ed at its upper end with a top the sides of which are inclined inwardly and upwardly and provided at their apex with a longitudinal groove through which a single match may be removed, the side portions of the top being also provided with thumb-and-finger openings arranged transversely of said groove, said box being also provided at the opposite sides of the top thereof with upwardly-directed members, blocks pivoted to the inner sides of said members and adapted to swing laterally and provided in the bottom thereof with grooves which correspond with the longitudinal slot in the apex of the top of the box, means for limiting the lateral movement of said blocks, and removable stops passed through the slots in said standards and secured to the sides of the vertically-movable box, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 3d day of March, 1905.

PETER HILBERT.

Witnesses:

F. A. STEWART,
C. E. MULREANY.