J. F. O'MALLEY.

MATCH HOLDER.

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1,066,311.

Patented July 1, 1913.

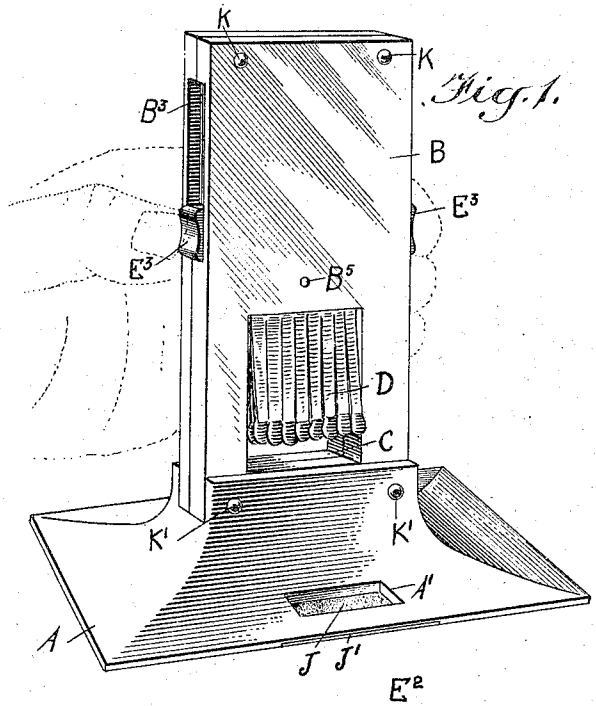


Fig. 1.

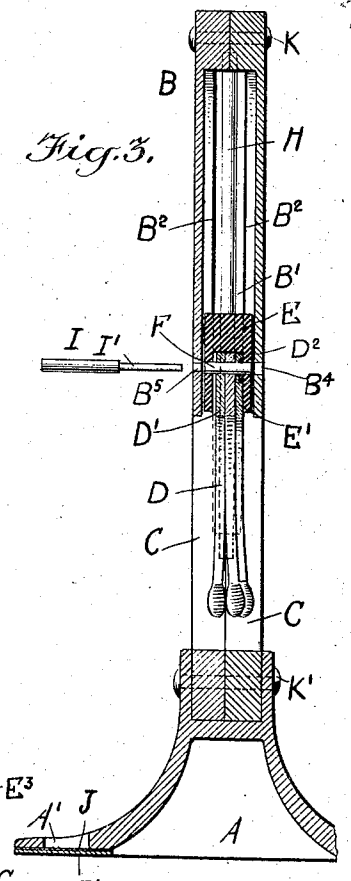


Fig. 3.

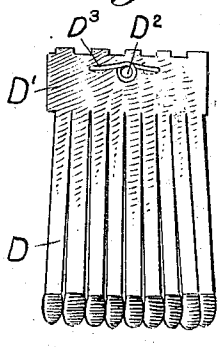


Fig. 4.

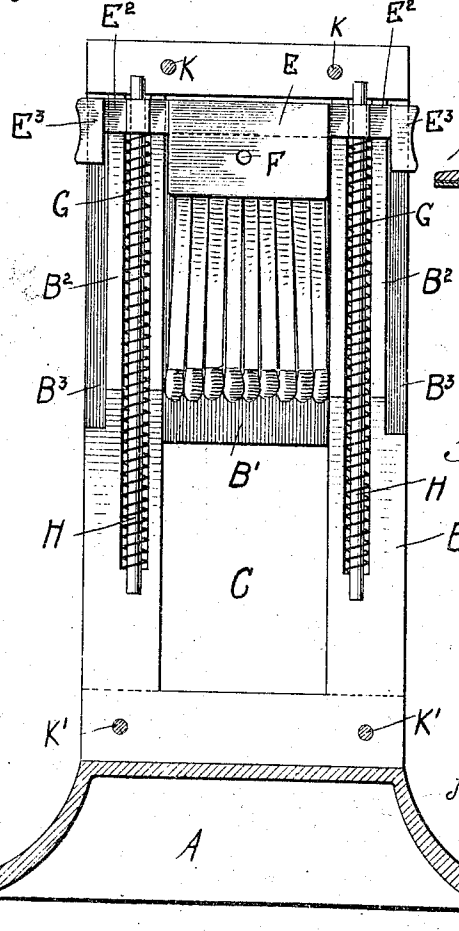


Fig. 2.

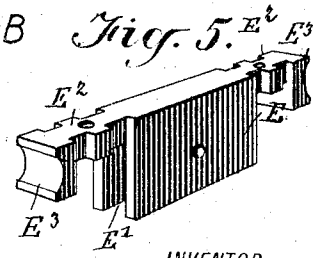


Fig. 5.

WITNESSES

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MATCH-HOLDER.

1,066,311. Specification of Letters Patent. Patented July 1, 1913.

Application filed August 3, 1912. Serial No. 713,112.

To all whom it may concern:

Be it known that I, JOHN FRANCIS O'MALLEY, a citizen of the United States, and a resident of Avoca, in the county of Luzerne and State of Pennsylvania, have invented a new and Improved Match-Holder, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved match holder, more especially designed for holding a bunch of taper or wooden matches, and arranged to hold the matches concealed and protected while not in use, to allow convenient removal of a match whenever desired, and to permit quick refilling of the holder with a bunch of matches.

For the purpose mentioned, use is made of a stand having an opening and a recess leading to the opening, vertical guideways arranged on the stand, a match carrier in the said recess and having side arms mounted to slide in the said guideways to move the match carrier toward and from the said opening, the side arms terminating in fingerpieces and the side arms being pressed by springs to normally hold the carrier farthest from the opening.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the match holder with the bunch of matches projected into the opening of the stand for the removal of a match; Fig. 2 is an enlarged sectional front elevation of the match holder and showing the match carrier and matches in normal concealed position; Fig. 3 is a transverse section of the same and showing the match carrier and matches in projected position for removal of a match, also showing the means for disconnecting a bunch of matches from the carrier; Fig. 4 is a face view of a bunch of matches to be used in the match holder, and Fig. 5 is a perspective view of the match carrier.

On a suitably constructed base A is secured an upright B forming with the base A a stand, as will be readily understood by reference to the drawings. The upright B is provided in its lower portion with a transverse opening C in which taper or wooden matches of a bunch of matches D are projected for the removal of a match whenever desired.

As shown in the drawings, the bunch of matches D is of well known construction, being preferably of two layers of matches attached to stubs D′ fastened together by a suitable fastening device D^3, which in this case also forms an eyelet or reinforced opening D^2 in the stubs for fastening the bunch of matches with the stubs in a recess E′ of a match carrier E by the use of a transverse pin F passing through the eyelet D^2 and through openings in the carrier E. The carrier E is mounted to slide up and down in a recess B′ leading to the opening C and formed in the upper portion of the upright B, and the said carrier E is provided with side arms E^2 terminating in fingerpieces E^3. The side arms E^2 are mounted to slide up and down in guideways B^2 formed in the upright B and the fingerpieces E^3 extend in recesses B^3 formed in the sides of the upright B to permit the operator to conveniently take hold of the fingerpieces E^3 with the thumb and forefinger, as indicated in dotted lines, to allow of moving the carrier E down or up in the recess B′. The side arms E^2 are pressed on at the under side by springs G coiled on rods H held in the upright B, so that the carrier E is normally held in an uppermost position, as shown in Fig. 2, whereby the carrier as well as the bunch of matches are concealed within the recess B′. When it is desired to remove a match, the operator takes hold of the fingerpieces E^3, as previously explained, and then pushes the finger pieces downward so that the carrier E and the bunch of matches D likewise move downward until the matches are projected within the opening C (see Figs. 1 and 3). While the matches are in this position any one of them can be readily removed from the bunch by tearing it off either at the front or the rear of the stand, and after the match is removed the operator releases pressure on the fingerpieces E^3 so that the springs G return the carrier E and the bunch of matches to uppermost concealed position.

In order to permit convenient attachment of the bunch of matches to the carrier E, use is made of the following arrangement: The opposite faces of the upright B are provided with registering apertures B^4 and B^5 (see Fig. 3), of which the aperture B^5 is some-

what smaller than the aperture B^4, and the latter is practically of a size corresponding to the diameter of the pin F, and the latter moves in register with the apertures B^4, B^5 at the time the operator moves the carrier E into lowermost position, as shown in Fig. 3. A pin I having a reduced end I′ is passed by the operator through the opening B^5 to push the pin F out through the opening B^4, thus disengaging the pin F from the stubs D′ from which the matches have been removed, as previously explained. The pin I is now withdrawn to allow the stubs D′ to drop out of the recess E′ and then a complete bunch of matches is placed with the stubs D′ into the recess E′ of the carrier E, after which the pin F is re-inserted through the opening B^4, to engage the reinforced opening or eyelet D^e of the stubs D′ of the new bunch of matches. When this has been done the operator releases the fingerpieces E^3 to permit the carrier E and the bunch of matches to pass into the uppermost concealed position by the action of the springs G.

From the foregoing it will be seen that by the arrangement described the matches are normally concealed and hence protected against moisture and other deleterious influences, and the matches can be projected into removal position whenever it is desired to remove a match for legitimate purposes.

The base A of the stand is provided with an opening A′ through which appears a scratching surface J held on the plate J′ secured to the under side of the base A, so that a match can be readily scratched on the surface J.

In practice, the upright B of the stand is preferably made of two parts fastened together at the upper ends by screws, rivets or other fastening devices K, the lower ends of the parts being set in a recess in the top of the stand and fastened therein by fastening devices K′. By constructing the stand in the manner described, the parts forming the match holder can be conveniently and quickly assembled.

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

1. A match holder, comprising a stand having an opening and a manually-controlled spring-pressed match carrier mounted to slide in the said stand, and arranged to receive and carry the stub of a bunch of matches, the carrier when in normal position being concealed within the stand and with it the bunch of matches, and the carrier when pushed into another position projecting the matches into the said opening for removal of the matches singly from the bunch.

2. A match holder, comprising a stand having a recess, an opening into which leads the said recess, guideways on the stand on opposite sides of the said recess, a match carrier adapted to receive the stub end of a bunch of matches, the said match carrier extending in the said recess and having side arms mounted to slide in the said guideways to move the matches into and out of the said opening, and springs pressing the said side arms to hold the match carrier and the bunch of matches normally in retracted position within the stand.

3. A match holder, comprising a stand having a recess and an opening into which leads the said recess, guideways on the stand on opposite sides of the said recess, a match carrier mounted to slide in the said recess and having side arms engaging the said guideways, a transverse pin removably fastening the stub of a bunch of matches to the said carrier, the said stub having a transverse opening for register with the said pin at the time the carrier is in a projected position to allow of receiving the pin and detaching the stub from the carrier, and springs pressing the said side arms to normally hold the match carrier and the bunch of matches in concealed position within the stand.

4. A match holder provided with a stand having registering apertures, a match carrier in the stand and having a recess and a transverse opening, the opening being adapted to register with the apertures of the stand, a bunch of matches having its stub fitting in the recess of the carrier and having a reinforced transverse opening registering with the opening of the carrier, and a pin removably engaging the openings of the carrier and the stub of the matches.

5. A match holder, comprising a chambered support, and a sliding and spring pressed carrier mounted in the support and to which a bunch of matches is adapted to be secured, whereby the carrier with the bunch of matches will be normally held within the chamber of the support but may be projected therefrom to permit of a match being removed from the bunch.

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

JOHN FRANCIS O'MALLEY.

Witnesses:

THOMAS F. RYDER,

VAN CLEEF BISHOP.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."