

No. 696,337.

Patented Mar. 25, 1902.

O. B. HUGHES.
UNITARY MATCH SAFE AND CIGAR LIGHTER.

(Application filed May 29, 1901.)

(No Model.)

Fig. 1.

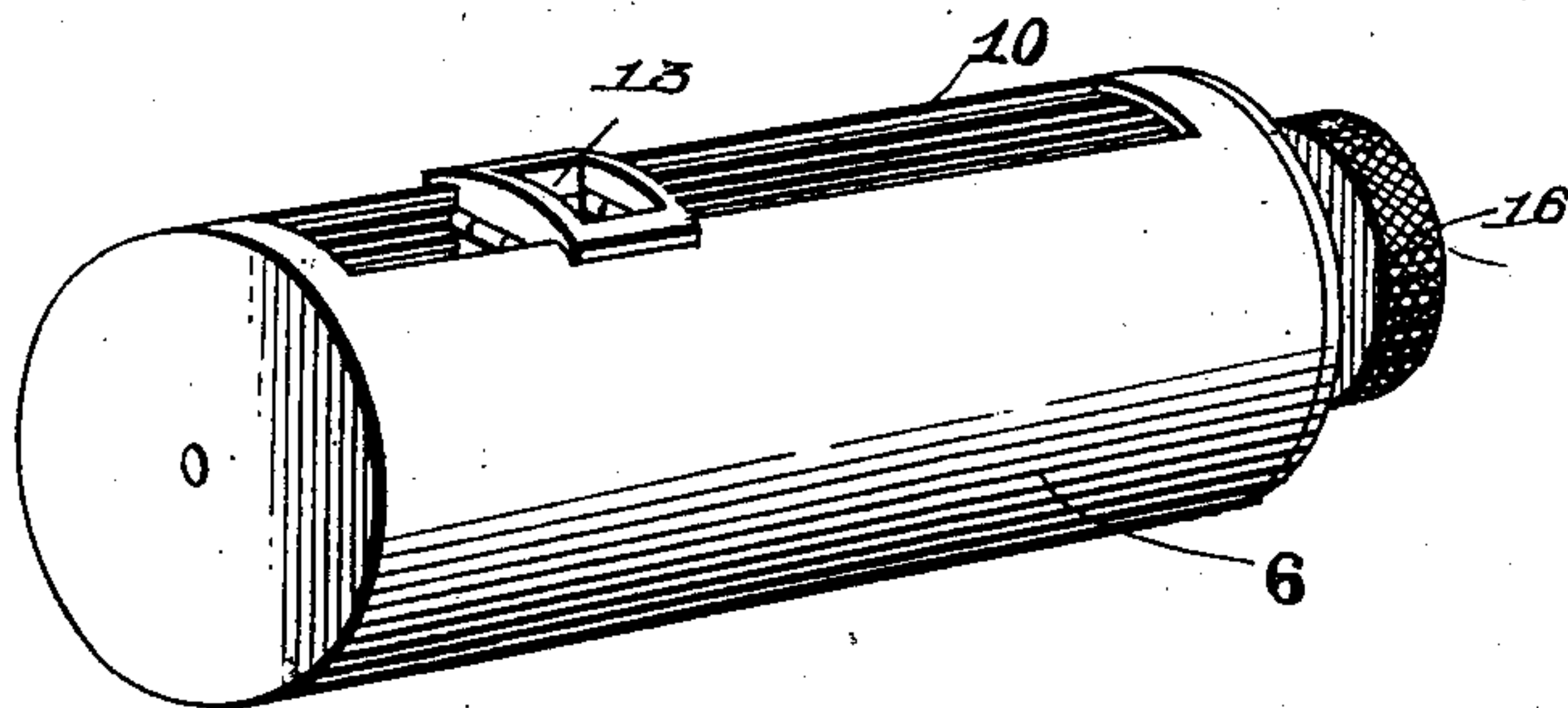


Fig. 2.

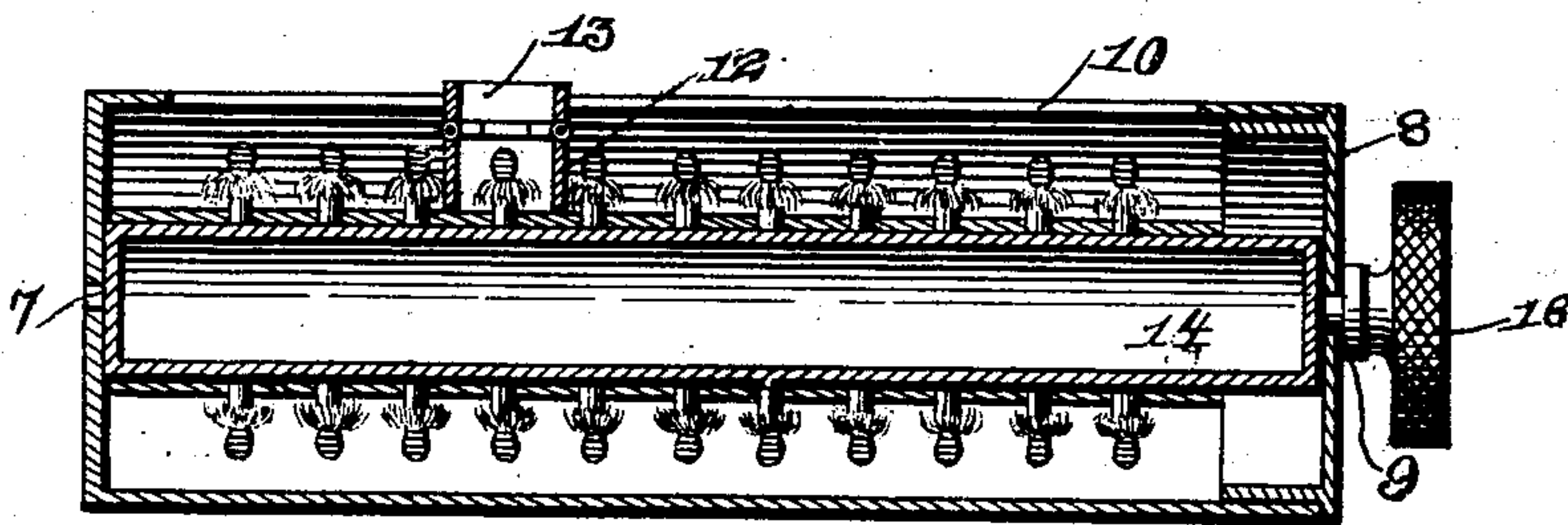


Fig. 4.

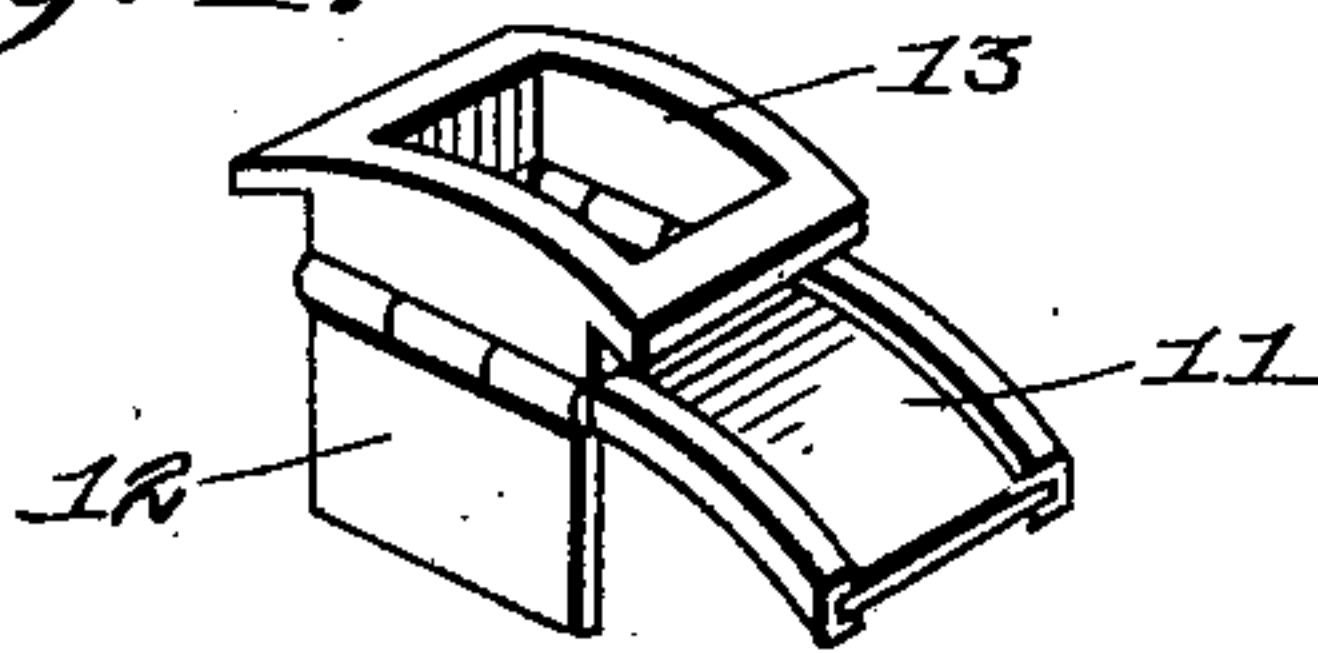


Fig. 3.

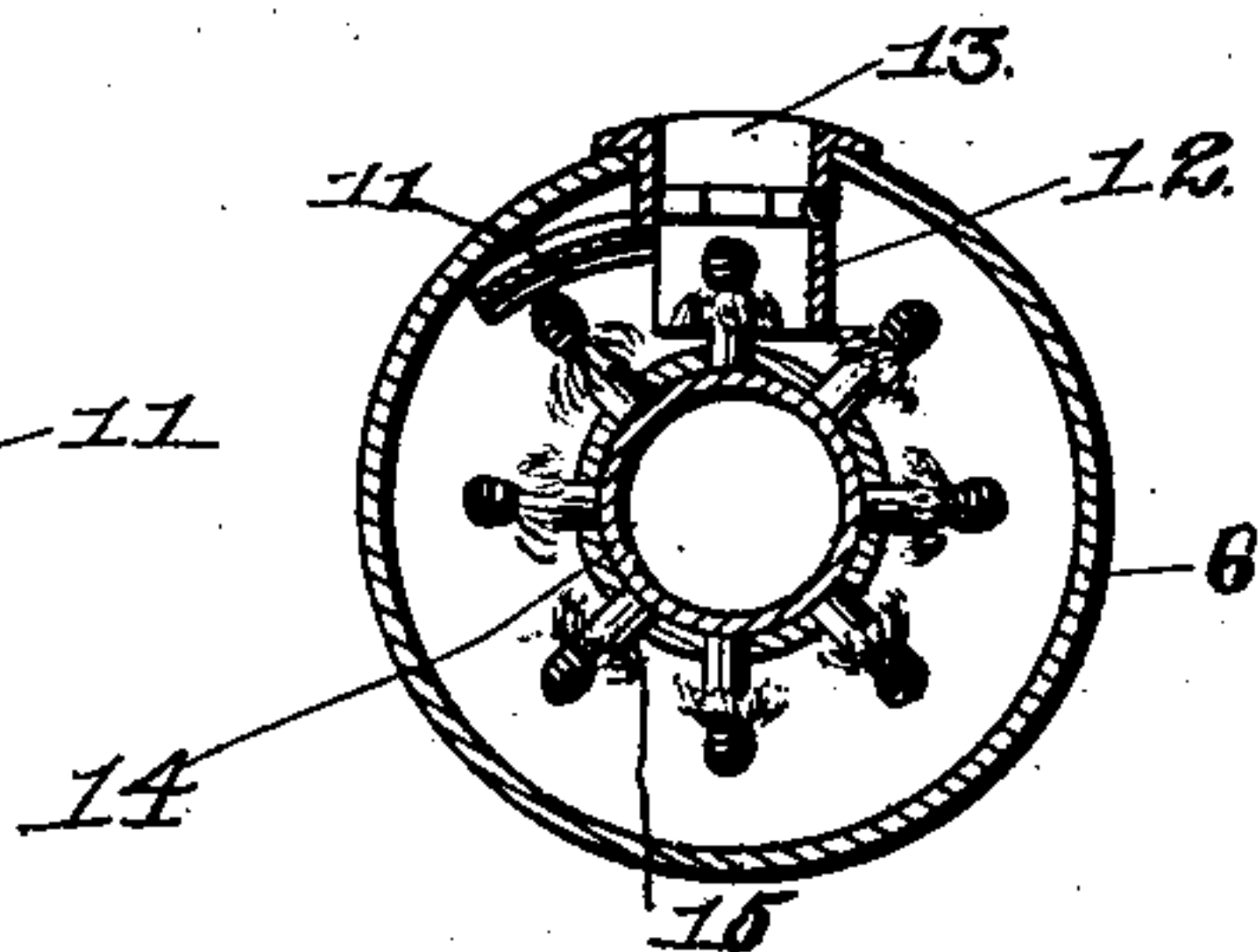
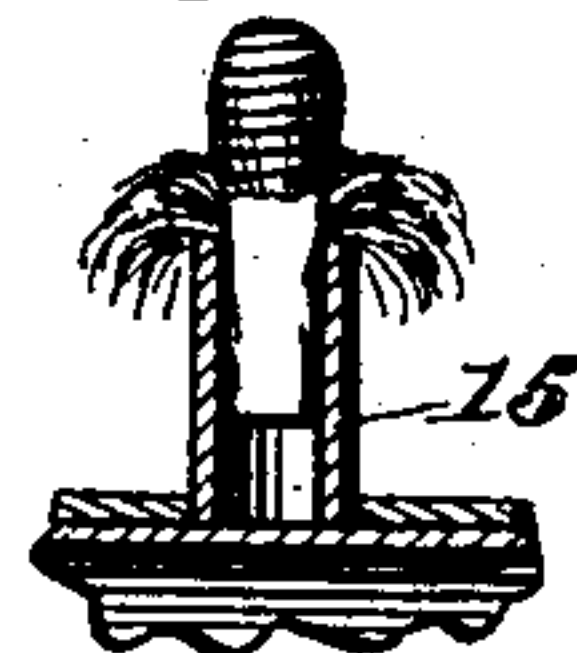


Fig. 5.



Witnesses

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UNITARY MATCH-SAFE AND CIGAR-LIGHTER.

SPECIFICATION forming part of Letters Patent No. 696,337, dated March 25, 1902.

Application filed May 29, 1901. Serial No. 62,421. (No model.)

To all whom it may concern:

Be it known that I, ORVILLE B. HUGHES, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented new and useful Improvements in Unitary Match-Safes and Cigar-Lighters, of which the following is a specification.

This invention relates to unitary match-safes and cigar-lighters.

10 The object of the invention is to provide a match-safe or match-carrier of considerable capacity and a lighter for cigars and other purposes.

According to my invention a pocket article 15 is provided of a capacity equal to or greater than that of a box of matches, the same being cylindrical and of a length and size for convenient handling and easy carriage in the pocket of a user.

20 The invention consists in the combination of an outer cylindrical case, an axial match-holder consisting of a drum or roller provided with match seats or sockets, and an igniter having a flame-guard and chimney or flame- 25 flue leading laterally through the side of the case.

It also consists in other combinations and arrangements of parts hereinafter described, and specifically pointed out in the claims.

30 In the drawings forming part of this specification, Figure 1 is a perspective view showing my invention complete and ready for use. Fig. 2 is a central longitudinal section through the same. Fig. 3 is a cross-section showing 35 the radial arrangement of matches in their sockets, the igniter, the flame-guard, and the flame-flue. Fig. 4 is an enlarged perspective of the igniter and flame-flue, and Fig. 5 is a detail section showing the match-socket.

40 Like numerals of reference denote like parts in all the figures of the drawings.

6 is the casing, made cylindrical, having a step-bearing 7 for the axial match-drum and a cap or part 8 to close the open end. The 45 cap 8 also has a bearing 9 for the outer end of the match-holding drum. The casing is provided with a longitudinal slot 10 in one side, in which is fitted to slide a combined igniter 11, flame-guard 12, and flame-flue 13.

50 The match-holder 14 may be a cylindrical or polygonal drum or roller. This may be made of metal, as shown, or it may be a sim-

ple wooden roller. This holder 14 is provided with a large number or series of annularly-arranged match seats or sockets 15, as 55 clearly shown in the drawings.

The flame-flue 13, fitted to slide in the slot 10, carries the igniter 11, consisting of a roughened or sanded plate arranged in the path of the matches as they are rotated by 60 the hand-wheel 16 of the holder 14. The flame-guard consists of a hinged flap 12 and prevents the flame from spreading and igniting other matches.

In operation, the holder-sockets being filled 65 with matches and the holder being arranged in position with an annular row of matches in the plane of the flame-flue, the operator, through hand-wheel 16, turns the holder slightly, bringing the head of the match 70 across the igniter. A match is thus ignited, and the flame thereof is brought in line with the flame-flue and projects through the side of the casing, where it may be applied to lighting a cigar or other substance. When one 75 radial row of matches has been exhausted, the sliding flame-flue, with its appendages, is moved along the slot to register with or come opposite another row, and so on until all the rows have been ignited or exhausted. 80

It should be noted that ordinary wooden matches, wax tapers, or specially-prepared 85 igniters may be used in connection with my improved device without departing from the invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. The combination with a cylindrical casing having a longitudinal slot, of a revoluble 90 match-holding shaft arranged in the casing having match-holding sockets arranged in radial and axial lines, and a flame-flue carrying an igniter and flame-guard slidably mounted in the slot in the casing. 95

2. The combination with a cylindrical casing having a longitudinal slot, of a revoluble match-holding drum arranged in the casing having match-holding sockets arranged in 100 radial and axial lines, a flame-flue carrying an igniter slidably along the slot in the casing, that it may be brought over any radial line of matches and a flame-guard hinged to such flame-flue.

3. The combination with a cylindrical casing having a longitudinal slot, of a revoluble match-holding drum arranged in the casing having match-holding sockets arranged in
5 radial and axial lines, a flame-flue slidable along the slot in the casing that it may be brought over any radial line of matches, an igniter secured to the said flue and arranged to lie in the path of the matches as they are
10 rotated, and a flame-guard hinged to said flame-flue.

4. The combination with a cylindrical casing having a longitudinal slot, of a revoluble match-holding drum arranged in the casing
15 having match-holding sockets arranged in radial and axial lines, and an adjustable ig-

niter mounted in said slot whereby the plurality of radial rows of matches on said drum may be lighted consecutively.

5. The combination of a casing having a
20 longitudinal slot, a rotary match-holder in said casing having a plurality of radial rows of match-holding sockets on said drum, and a flue carrying at its lower end, an igniter and flame-guard slidably mounted in the said
25 slot.

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

ORVILLE B. HUGHES.

Witnesses:

M. B. PECK,
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