Oct. 5, 1954 C. C. BURTHEY 2,690,754

CIGARETTE SHIELDING CIGARETTE HOLDER

Filed March 18, 1952

Fig. 1

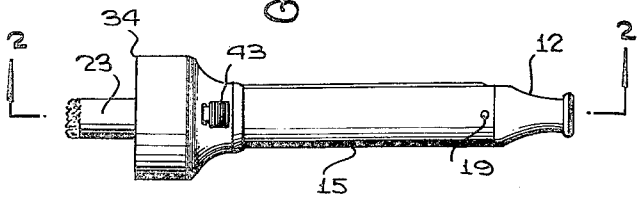


Fig. 2

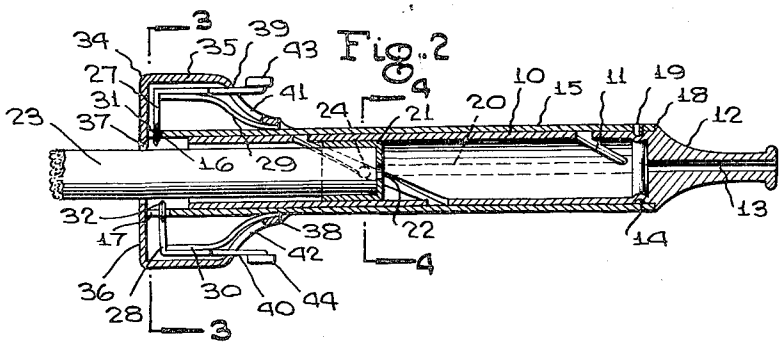


Fig. 3

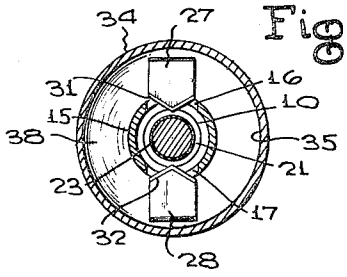


Fig. 4

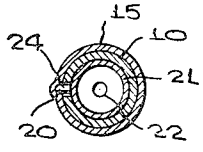
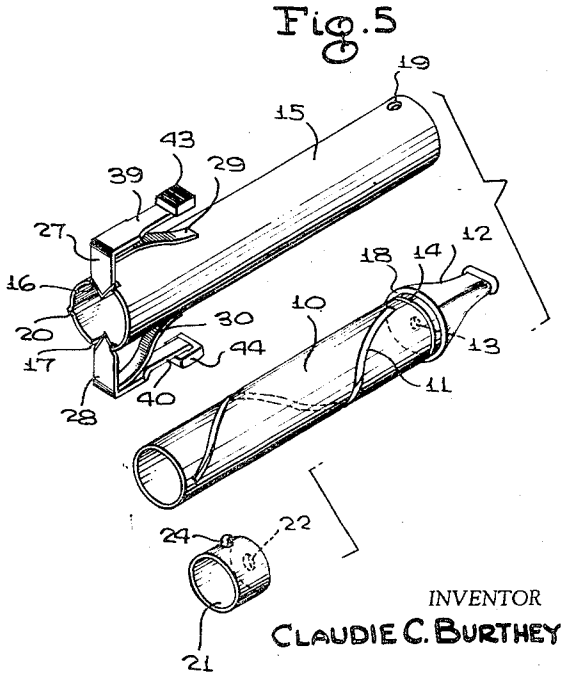


Fig. 5



INVENTOR
CLAUDIE C. BURTHEY

BY
McMorrow, Berman & Davidson
ATTORNEYS

Patented Oct. 5, 1954

2,690,754

UNITED STATES PATENT OFFICE

2,690,754

CIGARETTE SHIELDING CIGARETTE HOLDER

Claudie Coleman Burthey, Washington, D. C.

Application March 18, 1952, Serial No. 277,252

3 Claims. (Cl. 131—178)

1

This invention relates to a smoking holder for cigarettes and cigars, and more particularly to a holder which includes positioning means whereby a cigarette or cigar can be retracted and from which the cigarette or cigar can be extended as desired, and cutting means for cutting off a portion of a cigarette or cigar extending from the holder while positioned by the positioning means.

It is among the objects of the invention to provide an improved cigarette or cigar holder of the character indicated above which involves a tubular portion of a length and diameter sufficient to completely receive a cigarette or cigar therein and manually operable positioning means effective to retract a cigarette or cigar into or extend such cigarette or cigar out of the tubular portion; which has a mouth piece at one end of the tubular portion and which projects or retracts the cigarette or cigar upon relative rotation of the tubular portion and the mouth piece; which includes spring mounted cutters mounted on the tubular portion for severing a cigarette or cigar mounted in the holder; and which is simple and durable in construction, economical to manufacture, and neat and attractive in appearance.

Other objects and advantages will become apparent from a consideration of the following description and the appended claims in conjunction with the accompanying drawing wherein:

Figure 1 is a side elevational view of a cigarette holder with a cigarette mounted therein;

Figure 2 is a longitudinally cross sectional view on an enlarged scale on the line 2—2 of Figure 1;

Figure 3 is a transverse cross sectional view on the line 3—3 of Figure 2;

Figure 4 is a transverse cross sectional view on the line 4—4 of Figure 2; and

Figure 5 is an exploded perspective view of the elements of the holder.

With continued reference to the drawing, the illustrated holder comprises an inner tube 10 of cylindrical shape having a length and diameter sufficient to completely receive a cigarette therein and having a spiral slot 11 extending thereabout from a point near one end to a point near the other end thereof. A mouth piece 12 is joined at one end to one end of the inner tube and extends longitudinally therefrom and is provided with a bore 13 which communicates with the interior of the inner tube 10. The inner tubular member is provided in its outer surface near its end from which the mouth piece 12 extends with a circumferentially extending groove 14.

An outer tube 15 rotatably and slidably receives

2

the inner tube 10 and has one end substantially flush with the end of the inner tubular member from which the mouth piece 12 extends and its other end spaced axially outwardly from the end of the inner tubular member remote from the mouth piece 12 and is provided in its end remote from the mouth piece 12 with diametrically opposite notches 16 and 17. An annular shoulder 18 is provided on the axially forward end of the mouthpiece 12 with which the adjacent end of the outer tube 15 is engaged, and a pin 19 extends through an aperture in the outer tube 15 into the circumferentially extending groove 14 in the inner tube 10, so that the inner and outer tubes are held against longitudinal movement relative to each other while providing freedom of relative rotational movement. The outer tube 15 is also provided in its inner surface with a longitudinally extending groove 20.

A cylindrical socket 21 is slidably telescoped into the inner tube 10 and has at its end adjacent to the mouth piece 12 an end wall provided with a centrally disposed smoke aperture 22. The socket 21 is adapted to receive one end of a cigarette, as indicated at 23, and to support the cigarette within the inner tube 10. A pin 24 extends outwardly from the side wall of the socket 21 through a spiral slot 11 in the inner tube 10 and into the longitudinal extending groove 20 in the outer tube 15 and is effective to hold the socket against rotation relative to the outer tubular member and to produce movement of the socket longitudinally of the inner tube when the inner tubular member is rotated relative to the outer tube. Relative rotation of the inner and outer tubes is easily effected by holding the outer tube member 15 in one hand and rotating the mouth piece 12 with the other hand.

With the above described arrangement, the inner and outer tubes are rotatable in one direction to retract the socket 21 to a position near the inner end of the mouth piece 12 so as to completely retract a cigarette in the socket into the inner tube 10 and may be rotated in the opposite direction to project the socket to a location adjacent the end of the inner tube remote from the mouth piece and thereby project the cigarette to that end of the inner tube and the holder.

A pair of L-shaped cutters or dogs 27 and 28 are mounted on the outer tube by the leaf springs 29 and 30, respectively. The cutter 27 has one leg secured to the leaf spring 29 at one end of the latter with its other leg extending through a notch 16 in the outer tube and terminating in

a sharpened end 31, while the cutter 28 has one leg secured to the leaf spring 30 at one end of the latter and its other leg extending through another notch 17 in the outer tube and terminating in a sharpened end 32. At their ends remote from the cutters the leaf springs 29 and 30 are rigidly secured to the outer tube 15 as by being soldered or welded thereto at locations spaced from the end of the outer tube in which the notches 16 and 17 are located. The pointed ends of the cutters are diametrically opposed and are resiliently urged away from opposite sides of the tube 15 by the springs 29 and 30.

A generally cylindrical shield 34 is mounted concentrically on the outer tube 15 in enclosing relationship to the cutters 27 and 28 and includes a cylindrical side wall 35 extending around the legs of the cutters secured to the leaf springs, a flat forward wall 36 overlying the legs of the cutters extending through the notches 16 and 17 and provided with a centrally disposed opening 37 through which a cigarette 23 is adapted to pass, and a tapered rearward wall 38 having a central opening closely receiving the outer tube 15. Levers 39 and 40 project from the cutters 27 and 28 toward the mouthpiece 12 and extend through openings 41 and 42, respectively, provided in the rearward wall of the shield 34. These levers are provided at their free ends with finger pads 43 and 44, respectively, these levers and finger pads providing means for manually forcing the sharpened ends of the cutters together to sever a cigarette mounted in the holder. The cutters enable cutting off the lighted end of a cigarette or cigar present in the holder whenever it is desired to discontinue smoking, without extinguishing the cigarette or cigar in the usual way and without removing the cigarette or cigar from the holder.

The invention may be embodied in other specific forms without departing from the spirit or essential characteristics thereof. The present embodiment is, therefore, to be considered in all respects as illustrative and not restrictive, the scope of the invention being indicated by the appended claims rather than by the foregoing description, and all changes which come within the meaning and range of equivalency of the claims, are, therefore, intended to be embraced therein.

What is claimed is:

1. In a cigarette holder, a cigarette holding socket for holding a cigarette while smoking, a support to which said socket is connected for longitudinal movement relative to said support whereby said socket serves as means for positioning a cigarette relative to the support, and cutting means mounted on said support for severing a cigarette present in and positioned by said socket.

2. In a cigarette holder, an outer tube, an inner tube rotatably slidable in said outer tube, means acting between said outer and inner tubes preventing relative axial movement thereof, a mouth piece fixed on and closing one end of said inner tube and providing a handle for rotating said inner tube relative to said outer tube, said mouth piece having a smoke passage communicating with the interior of said inner tube, a cigarette holding socket shorter than said inner tube and slidable and rotatable in said inner tube, said socket having a closed axially rear end provided with a smoke hole communicating with the interior of said inner tube, said axially rearward end of the socket being axially spaced from said mouth piece, said outer tube having a side wall provided with a longitudinal groove, said inner tube having a side wall provided with a spiral slot, and a lateral pin on said socket extending through said spiral slot and into said longitudinal groove, whereby rotation of said inner and outer tubes in opposite directions produces projection of said socket from the end of said outer tube remote from the mouth piece or produces retraction of the socket entirely into said inner tube, diametrically opposed spring mounted cutters on the last mentioned end of the outer tube, said cutters having sharpened ends positioned at said last mentioned end of the outer tube and arranged to be brought together to sever a cigarette present in said socket while the socket is in a projected position and the cutters are manually moved toward each other.

3. In a cigarette holder, an outer tube, an inner tube rotatably slidable in said outer tube, means acting between said outer and inner tubes preventing relative axial movement thereof, a mouth piece fixed on and closing one end of said inner tube and providing a handle for rotating said inner tube relative to said outer tube, said mouth piece having a smoke passage communicating with the interior of said inner tube, a cigarette holding socket shorter than said inner tube and slidable and rotatable in said inner tube, said socket having a closed axially rearward end provided with a smoke hole communicating with the interior of said inner tube, said axially rear end of the socket being axially spaced from said mouth piece, said outer tube having a side wall provided with a longitudinal groove, said inner tube having a side wall provided with a spiral slot, and a lateral pin on said socket extending through said spiral slot and into said longitudinal groove, whereby rotation of said inner and outer tubes in opposite directions produces projection of said socket from the end of said outer tube remote from the mouth piece or produces retraction of the socket entirely into said inner tube, diametrically opposed spring mounted cutters on the last mentioned end of the outer tube, said cutters having sharpened ends positioned at said last mentioned end of the outer tube and arranged to be brought together to sever a cigarette present in said socket while the socket is in a projected position and the cutters are manually moved toward each other, said cutters having finger levers projecting toward said mouth piece, and a shield mounted on said outer tube and surrounding and enclosing said cutters, said shield being provided with openings through which said levers project outside of the shield.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
1,457,577	Joerger	June 5, 1923
1,541,891	Becker	June 16, 1925
1,610,292	Kuno	Dec. 14, 1926
1,690,018	Kerfoot	Oct. 30, 1928
1,941,531	Blankenship	Jan. 2, 1934
2,267,966	Allen	Dec. 30, 1941
2,359,529	Robb	Oct. 3, 1944
2,502,951	Hutton	Apr. 4, 1950
2,558,320	Statelles	June 26, 1951

FOREIGN PATENTS

Number	Country	Date
15,288	Great Britain	1905
253,075	Switzerland	Nov. 16, 1948
353,745	Great Britain	July 30, 1931