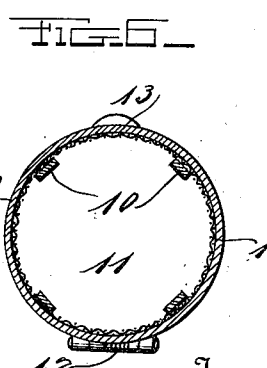
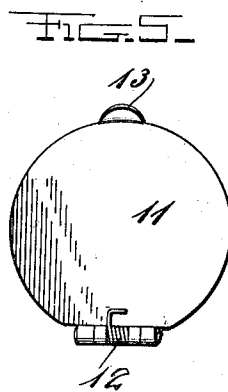
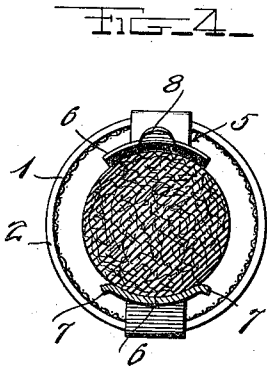
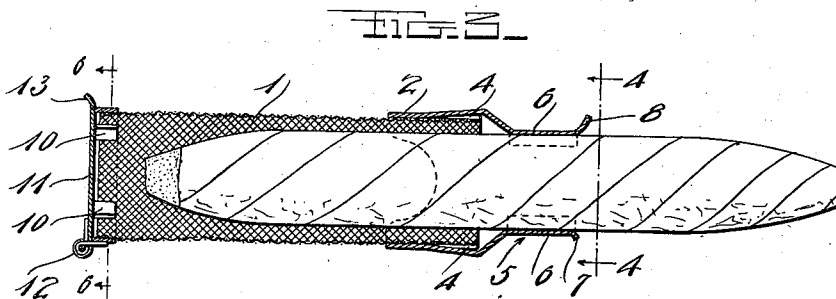
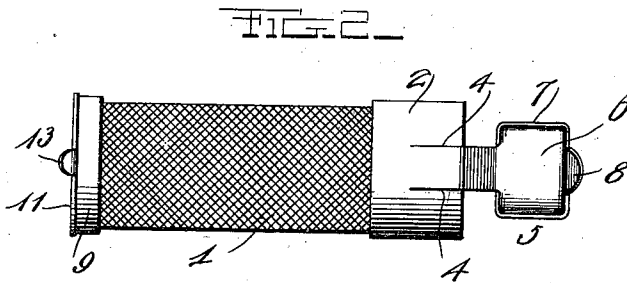
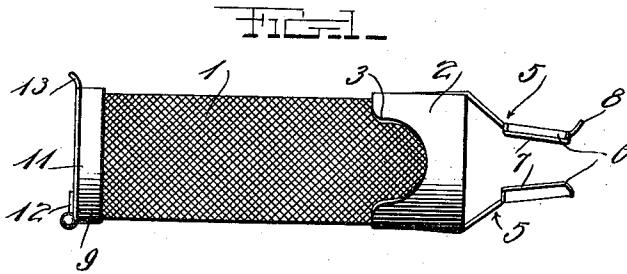


J. E. BASSETT.
SPARK ARRESTER FOR CIGARS.
APPLICATION FILED SEPT. 11, 1911.

1,014,436.

Patented Jan. 9, 1912.



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UNITED STATES PATENT OFFICE.

JAMES E. BASSETT, OF OSHKOSH, WISCONSIN.

SPARK-ARRESTER FOR CIGARS.

1,014,436.

Specification of Letters Patent.

Patented Jan. 9, 1912.

Application filed September 11, 1911. Serial No. 648,723.

To all whom it may concern:

Be it known that I, JAMES E. BASSETT, a citizen of the United States, residing at Oshkosh, in the county of Winnebago and State of Wisconsin, have invented certain new and useful Improvements in Spark-Arresters for Cigars; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in spark arresters and wind shields for cigars.

One object of the invention is to provide a device of this character adapted to be applied to cigars of any length and of different sizes whereby the sparks and ashes which may fall from the cigars will be caught and thus prevented from doing any damage.

Another object of the invention is to provide a spark arrester adapted to be adjusted on the cigar to permit the latter to be entirely consumed and which will not interfere with the free and even burning of the cigar.

A further object is to provide an automatically closing means for discharging the dead sparks and ashes from the arrester when desired.

With these and other objects in view, the invention consists of certain novel features of construction, and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings: Figure 1 is a side view of one side of my improved spark arrester; Fig. 2 is a similar view of the opposite side; Fig. 3 is a central vertical longitudinal section of the arrester, showing the same applied to a cigar; Fig. 4 is a cross sectional view on the line 4-4 of Fig. 3 looking toward the inner end of the arrester and showing one of the cigar gripping plates in section; Fig. 5 is an end view of the outer end of the arrester; Fig. 6 is a cross sectional view on the line 6-6 of Fig. 3.

By reference to the accompanying drawings it will be seen that my improved spark arrester and wind shield comprises a tubular cylindrical body portion 1 formed of fine mesh wire netting or other foraminous material; said body portion having secured to the outer side of its inner end a metal sleeve or ferrule 2, said ferrule having formed in the edge of its inner end oppositely disposed notches or recesses 3 as shown. In the outer

end of the sleeve or ferrule 2 and at diametrically opposite points are formed pairs of inwardly extending slits 4. The metal between the slits 4 is extended a considerable distance beyond the outer end of the ferrule to form spring cigar gripping members 5, said members being bent inwardly at an angle at the inner end of the ferrule and have their outer ends increased in width and curved laterally to form segmental cigar gripping plates 6 which are adapted to be swung into engagement with the cigar whereby the arrester is adjustably secured in position at any desired point on the cigar. The edges of the gripping plate 6 are bent outwardly to a slight extent as shown at 7 to prevent said edges from cutting into or breaking the wrapping of the cigar. The outer end of one of the plates 6 is provided with an outwardly curved lug 8 adapted to be engaged by the end of the thumb or finger to facilitate the releasing or disengaging of said plate from the cigar when the device is engaged with or adjusted on the cigar.

Arranged on the outer end of the body 1 is a binding ring or band 9, said ring or band being rigidly secured to the end of the body by lugs 10 formed on the outer edge of the band and which are bent inwardly and clenched into tight engagement with the inner side of the body 1 as shown. The band 9 when thus arranged forms a binding for the outer end of the wire netting body of the arrester and also serves as a means for supporting a cover plate 11 which is hingedly connected to the outer edge of the band as shown. The cover plate 11 is provided with a closing spring 12 whereby said plate is automatically closed and normally held in a closed position. On the edge of the cover plate opposite to the hinged connection thereof is formed an outwardly curved cover opening lug 13 which is adapted to be engaged by the little finger and the cover plate thus pushed open against the pressure of the spring 12 to permit the discharge of the dead sparks and ashes which may have been caught by the arrester.

A spark arrester and wind shield constructed in accordance with my invention may be quickly and easily applied to cigars of any length and of different sizes and when applied thereto will form an efficient means for catching any sparks which may fall or be blown from the end of a cigar,

thus preventing said sparks from doing any damage. The arrester will also catch and hold the ashes which may fall from the end of the cigar and by means of the hinged cover plate the ashes and sparks caught by the arrester may be quickly and easily discharged when desired. The wire netting or foraminous body of the arrester will afford ample ventilation or a free circulation of air around the lighted end of the cigar thus causing said end to burn freely and evenly.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as claimed.

Having thus described my invention, what I claim is:—

A spark arrester and wind shield for

cigars comprising a wire netting body portion, a ferrule secured to the inner end of said body portion, spring gripping members formed on and projecting outwardly from said ferrule, cigar engaging plates formed on the ends of said members, said plates having their edges turned outwardly, a releasing lug formed on one of said plates, a binding band secured to the outer end of said body portion, fastening lugs formed on said band whereby the latter is secured to the body portion, a cover plate hingedly connected to said band, a spring to close and normally hold said plate in closed position, and a cover opening lug formed on said plate whereby the latter may be readily opened by one of the fingers of the hand holding the arrester.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES E. BASSETT.

Witnesses:

JOHN GEIGER,
A. H. GARDINER.