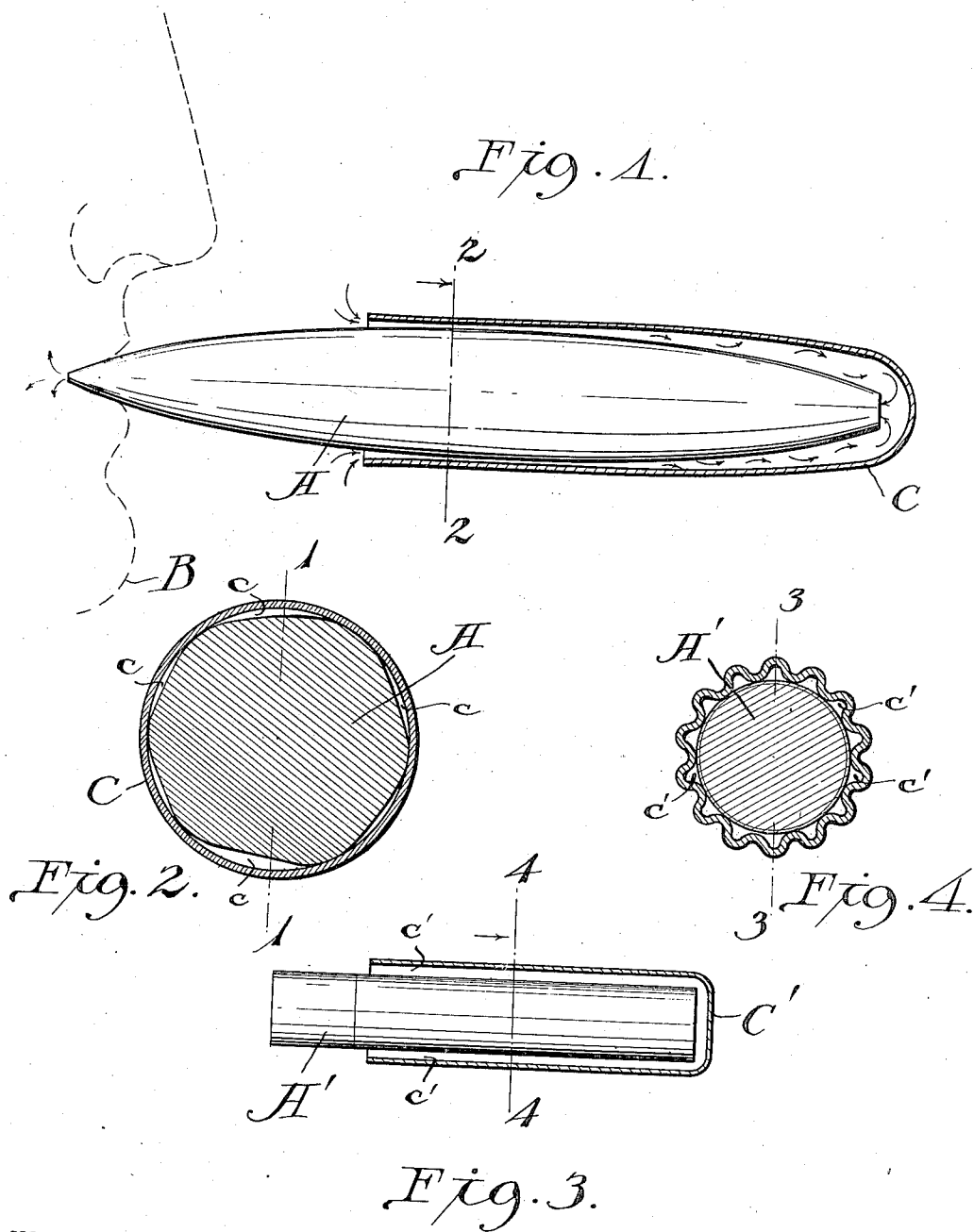


E. C. CLIFFORD.
WIND SHIELD FOR CIGARS AND CIGARETTES.
APPLICATION FILED SEPT. 8, 1913.

1,106,495.

Patented Aug. 11, 1914.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWARD C. CLIFFORD, OF NEW YORK, N. Y.

WIND-SHIELD FOR CIGARS AND CIGARETTES.

1,106,495.

Specification of Letters Patent.

Patented Aug. 11, 1914.

Application filed September 8, 1913. Serial No. 788,527.

To all whom it may concern:

Be it known that I, EDWARD C. CLIFFORD, a citizen of the United States, residing in the city of New York, borough of Manhattan, county and State of New York, have invented a certain new and useful Wind-Shield for Cigars and Cigarettes, of which the following is a specification.

This invention is a wind shield for cigars and cigarettes, and the object of the invention is to enable smokers to use these articles in the open, under most adverse weather conditions, such as high winds and rain, etc., without encountering such disadvantages as too rapid combustion, uneven burning, flying of sparks, ashes, etc.

Motorists have long observed that the rush of air, due to the movement of the car, occasions cigars and cigarettes to burn, not only very rapidly, but with pronounced irregularity or unevenness. Moreover, under the same circumstances, the flying sparks and ashes cause much annoyance and not infrequently injuries and accidents more or less troublesome and serious.

The present invention overcomes the disadvantages and objections referred to, as well as others, in a simple, efficient and economical manner.

The invention, in its broad aspect, embodies a shield or protector in the form of a cap or thimble which fits over the lighted end of the cigar or cigarette, and embraces a portion of the cigar. It thus precludes forcible contact of the air with the lighted end, thereby preventing abnormal combustion of the cigar or cigarette, or formation of sparks, and simultaneously retains the ashes from blowing about. It will be observed, also, that the shield protects the cigar or cigarette against the action of rain, snow, etc.

The preferred embodiment of the invention consists of a thin, light shield of the form specified, constructed from any suitable non-combustible material, such as, *e. g.*, asbestos paper, or ordinary paper so treated as to render it fireproof.

In the accompanying drawings, I have illustrated different practical embodiments of the invention, but the constructions shown therein are to be understood as illustrative, only, and not as defining the limits of the invention.

Figure 1 illustrates one form of my wind shield as applied to a cigar, the shield being

shown in central, longitudinal section, as on the line 1—1 of Fig. 2. Fig. 2 is a transverse section taken on line 2—2 of Fig. 1. Fig. 3 illustrates the application of the shield to cigarettes, said shield being shown in central, vertical section, as on the line 3—3 of Fig. 4, and Fig. 4 is a transverse section taken on line 4—4 of Fig. 3.

Referring to the drawings, more particularly to Figs. 1 and 2, the adaptation of the invention to use on a cigar A is shown. In the first figure, for the purpose of clearness, the profile of a smoker B is represented in dotted lines. The protector is, in the embodiment referred to, shaped in the form of a cap or thimble C, which is adapted to be slipped over the end of the cigar, the protector being of such size that it will frictionally engage the cigar. Practically no cigar on the market is absolutely round in transverse section but, in reality, most cigars are quite irregular, as shown in Fig. 2, this irregularity being due to the fact that they are closely packed together when boxed, with the result that the sides of the cigar which are in engagement with the adjacent cigars in the box become flattened. These conditions are utilized in the first embodiment of the invention. The protector C being substantially circular, the cigar will not entirely fill said protector and, accordingly, passages *c* will be left, whereby air may enter the protector and be inhaled through the cigar, as in the act of smoking. The course taken by the air is indicated by the arrows in Fig. 1.

In Figs. 3 and 4, another embodiment of the invention is illustrated, the same being shown in its adaptation to cigarettes. The cap or thimble is substantially the same as that shown in Fig. 1, with the exception that in this embodiment, the body of the protector is longitudinally crimped or corrugated. This corrugating or crimping is for the purpose, mainly, of adapting the protector to a wide range of sizes of cigarettes and, also, to provide additional clearance whereby the air may have free access to the lighted end of the cigarette.

It is to be understood that, while I have shown these modifications as applied, one to a cigar, and the other to a cigarette, neither is limited to the use illustrated, since, manifestly, the specified embodiments are for illustrative purposes only. In the manufacture of the protectors for the market, those

to be used on cigars may, if it is desired, be corrugated, and those intended for use on cigarettes may be made plain.

The protectors are constructed from some
5 thin, light, non-combustible material, preferably asbestos paper or ordinary paper so treated as to render it fireproof, and, if so desired, may be colored to harmonize with
10 a cigar or cigarette for the purpose of rendering it less conspicuous.

The shield or protector is very simple and inexpensive to manufacture and, accordingly, is well adapted to that field of advertising novelties, wherein firm names and
15 the like are printed on articles for gratuitous distribution.

The shield, in its preferred form, is made for a single use only, after which it is thrown away with the butt of the cigar or
20 cigarette and a new one selected for each succeeding smoke. It will be understood, however, that the shield might be made more carefully and a permanent protector provided which could be retained for use
25 through an indefinite period.

The operation of the protector will be manifest from the foregoing description, it being obvious that, when properly positioned over a cigar and held in frictional
30 engagement therewith, the adverse action of wind or rain on the smoking of the cigar will be precluded and a normally pleasant smoke may be enjoyed under the most adverse weather conditions. Moreover, the
35 formation of sparks is precluded, and the ashes from the cigar are retained within the shield.

The novel shield herein described should not be confused with devices heretofore suggested for use for collecting ashes, protecting
40 lighted cigars in the pocket, etc., none of which embody the salient features of applicant's invention, viz., the prevention of undue combustion of cigars and cigarettes
45 under abnormal weather conditions.

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

1. A protector or shield for lighted cigars
50 embodying a cap or thimble of non-combustible material arranged to fit loosely about the body of the cigar and to provide air

passages around the body of the cigar, said protector being substantially closed about the lighted end of said cigar. 55

2. A protector or shield for lighted cigars embodying a non-metallic cap or thimble of non-combustible material arranged to fit loosely about the body of the cigar and to provide air passages around the body of the
60 cigar, said protector being substantially closed about the lighted end of said cigar.

3. A protector or shield for lighted cigars embodying a pliable cap or thimble of non-combustible material arranged to fit loosely
65 about the body of the cigar and to provide air passages around the body of the cigar, said protector being substantially closed about the lighted end of said cigar.

4. A protector or shield for lighted cigars
70 embodying a cap or thimble of non-combustible material adapted to frictionally engage a portion of the body of the cigar and to provide air passages along the body of the cigar, said protector being substantially
75 closed about the lighted end of said cigar.

5. A protector or shield for lighted cigars embodying a cap or thimble of pliable fireproof paper arranged to fit loosely about the body of the cigar so that air passages
80 are provided around the body of said cigar, said protector being adapted to contain printed matter on the exterior thereof and thus serve as an advertising device.

6. A protector or shield for lighted cigars
85 embodying a cap or thimble composed of pliable corrugated material arranged to fit loosely about the body of the cigar and to provide air passages around the body of the cigar, said protector being substantially
90 closed about the lighted end of the cigar.

7. A protector or shield for lighted cigars embodying a cap or thimble composed of asbestos paper and arranged to frictionally
95 engage a portion of the body of the cigar and to provide air passages along the body of the cigar.

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

EDWARD C. CLIFFORD.

Witnesses:

JULIUS HERMAN,
FRED COFFIN.