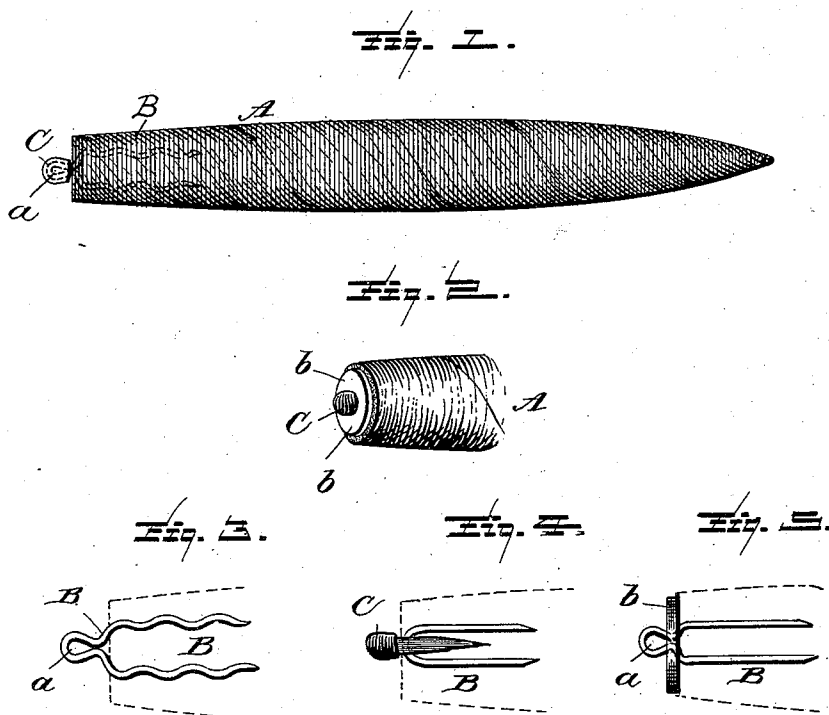


(No Model.)

T. WEST & E. M. TURNER.
SELF CIGAR LIGHTER.

No. 429,329.

Patented June 3, 1890.



Witnesses

L. C. Hills
E. A. Bond.

Inventors:

Thomas West, &
Ephraim M. Turner.

E. B. Stocking
attorney.

UNITED STATES PATENT OFFICE.

THOMAS WEST, OF DECATUR, ALABAMA, AND EPHRAIM M. TURNER, OF FORT WORTH, TEXAS, ASSIGNORS, BY DIRECT AND MESNE ASSIGNMENTS, TO THE TURNER SELF LIGHTING CIGAR COMPANY, OF FORT WORTH, TEXAS.

SELF CIGAR-LIGHTER.

SPECIFICATION forming part of Letters Patent No. 429,329, dated June 3, 1890.

Application filed December 17, 1889. Serial No. 334,116. (No model.)

To all whom it may concern:

Be it known that we, THOMAS WEST, a resident of the city of Decatur, county of Morgan, and State of Alabama, and EPHRAIM M. TURNER, of the city of Fort Worth, county of Tarrant, and State of Texas, have invented a new and useful Improvement—to wit, a Self Cigar-Lighter—which improvement is fully set forth in the following specification and accompanying drawings.

This invention relates to certain new and useful improvements in self-lighting cigars; and it has for its object to provide an improved self-lighting cigar wherein the means employed for holding the igniting material shall serve also to prevent breakage of the end of the cigar as the same is scratched to light the same.

Other objects and advantages of the invention will appear from the following description, and the novel features thereof will be specifically set forth in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a side elevation of a cigar embodying our invention. Fig. 2 is a perspective view of the lighting end of a cigar, showing a modified form of attachment. Figs. 3, 4, and 5 are detail views illustrating different ways of carrying out our invention.

In the drawings, the letter A designates a cigar of any of the known brands, in the lighting end of which we apply our self-lighting device.

The gist of the invention resides in the metallic holding means for the igniting material, in whichever form it may be applied. In Fig. 1 we have shown a spring-wire B in the form of a staple, the legs of which are corrugated and the outer portion of the staple formed with an eye or projection a, to which is applied the igniting material C, of any suitable composition suited for the purpose. This igniting material may be applied to this projection by dipping or any other suitable process. It may be applied as shown in Fig. 1, or it may be applied upon the outside of a disk b, which

is held to the end of the cigar by the same staple that carries the igniting material, and formed of paper or other material saturated with, say, alcohol and saltpeter, so as to render it readily inflammable. This disk serves to prevent the fumes of the sulphur employed in the igniting material from being drawn through the cigar, and also serves to distribute the flames so as to evenly ignite the end of the cigar.

Fig. 3 illustrates the staple as inserted in the end of the cigar before the igniting material is applied thereto.

In Fig. 4 we have shown a match end or stub-match held to the end of the cigar by means of a staple which is passed through the wooden portion of the match, as illustrated. In this instance the legs of the staple are not shown as corrugated; but they may be formed with corrugations if necessary or desired. The disk may or may not be employed in connection with this form.

In Fig. 5 we have shown a disk upon the outer end of the cigar, held by the staple, the legs of which are not corrugated and the igniting material not applied; but the latter is designed to be applied to the projecting part of the staple in any suitable way. The disk may be saturated simply with nitrate of potash.

The staple is inserted with the legs pressed together, and after they are inserted in the end of the cigar they spread or spring outward, and thus firmly hold in place in the cigar and also prevent breaking of the end of the cigar when struck to ignite the composition.

The disk may be paper not saturated, if preferred.

The attachment may be made and placed upon the market as a new article of manufacture to be applied to cigars by the purchaser if desired.

Where in the following claims we refer to a "projecting portion" we wish to be understood as covering either the projection or eye formed on the staple or the stub-match held by the outer end.

What we claim as new is—

1. An attachment to cigars, consisting of a metallic holder having corrugated spring-arms and a projecting portion carrying the igniting composition, substantially as described. 5
2. An attachment for cigars, consisting of a metallic holder having spring-arms, corrugated as shown, and a projecting portion adapted to hold the igniting composition, and a disk adapted to bear upon the outer end of the cigar, substantially as specified. 10
3. As an improved article of manufacture, a cigar provided at its lighting end with an igniting composition held thereto by means of a metallic holder provided with corrugated arms extending into the body of the cigar, substantially as shown and described. 15

In testimony that we claim the foregoing we have hereunto set our hands, this 29th day of November, 1889, in the presence of witnesses. 20

THOMAS WEST.
EPHRAIM M. TURNER.

Witnesses:

M. A. JOHNS,
WM. SALMON JOHNS.