

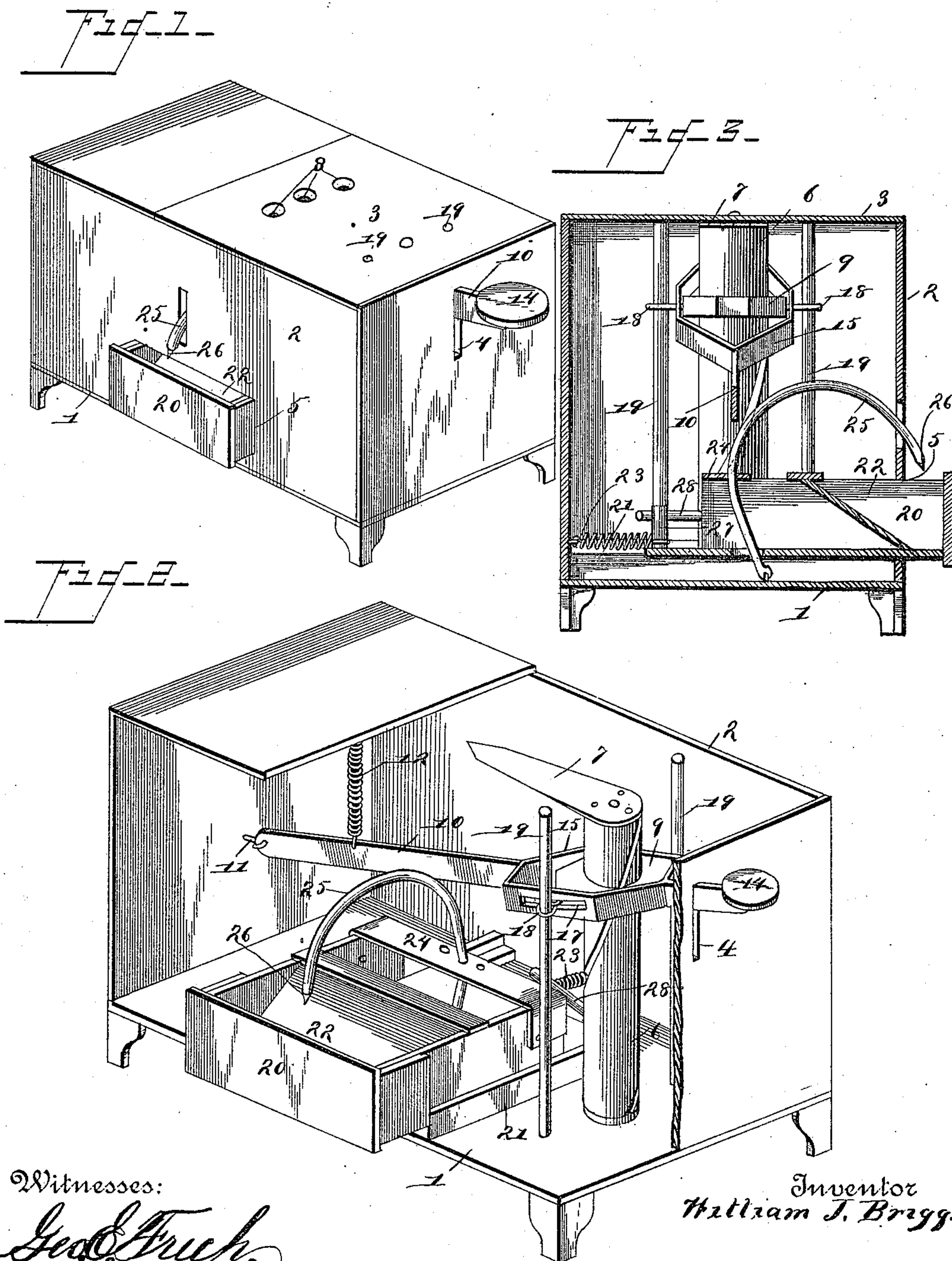
(No Model.)

W. J. BRIGGS.

COMBINED CIGAR TIP CUTTER AND MATCH SAFE.

No. 440,874.

Patented Nov. 18, 1890.



Witnesses:

Geo. F. Rich.

W. S. Duwall.

Inventor
William J. Briggs

By *h. s.* Attorneys

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLIAM J. BRIGGS, OF TRINIDAD, COLORADO.

COMBINED CIGAR-TIP CUTTER AND MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 440,874, dated November 18, 1890.

Application filed December 21, 1889. Serial No. 334,476. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. BRIGGS, a citizen of the United States, residing at Trinidad, in the county of Las Animas and State of Colorado, have invented a new and useful Combined Cigar-Tip Cutter and Match-Safe, of which the following is a specification.

This invention has relation to a combined cigar-tip cutter and match-safe; and among the objects in view are to provide a cutter at each operation of which the tip is removed from the cigar and a match delivered to the smoker.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective view of a cigar-cutter constructed in accordance with my invention. Fig. 2 is a similar view, enlarged, with the casing removed. Fig. 3 is a detail in transverse section.

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

1 represents the base of the cutter, upon which is mounted the casing 2, having the upper removable cover 3, the end wall of the casing being slotted, as at 4, and one of the side walls thereof near its bottom having an opening 5.

6 represents a spirally-slotted post, the ends of which are journaled in bearing-pins mounted in the top and bottom, respectively, and the upper end of the post is provided with a knife 7, which is adapted to move over a series of different-sized-cigar openings 8, formed in the removable cover.

9 represents a ring mounted on the post 6 and provided with opposite lugs adapted to ride in the spiral grooves of the post.

10 represents a lever pivoted at its rear end to the end wall of the casing, as at 11, and normally maintained in a raised position by means of a coiled spring 12, one end of which is connected to the lever and the opposite end to the top of the casing. The opposite extremity of the lever is extended through the opening 4 in the end wall, and terminates in a handle 14, and intermediate the ends of the

lever the same is divided and provided with a yoke 15, which encircles the ring 9. The sides of the yoke are provided with curved slots 17, in which ride the shanks of the guide-eyes 18, extending from the opposite sides of the ring 9, the eyes taking over opposite vertical guides 19, extending from the base 1 at each side of the post.

20 represents a sliding drawer mounted in the opening 5 of the side wall of the case and sliding in ways 21, secured to the bottom of the same. A match-receptacle 22 is formed at the forward end of the drawer, the rear wall of which is inclined, and said drawer is normally maintained in a closed position through the influence of a coiled spring 23, having one end secured to the rear end of the drawer and its opposite end to the opposite side wall of the case. A perforated guide-plate 24 connects the rear ends of the sides of the drawer and passing through one of the perforations of the plate is a curved picker 25, the lower end of which is connected loosely to the bottom 1, and the upper end of which projects through the front of the casing and terminates in a sharpened point 26. A standard 27 projects vertically from the rear end of the drawer, and a lateral arm 28 projects from the post 6, adapted to come in contact with the standard.

The operation of my invention is as follows: The end of a cigar being placed in any one of the openings 8 formed in the removable cover, the handle of the operating-lever is depressed, which through the medium of the ring 9, which is likewise depressed, oscillates or partially rotates the post 6 and knife 7, thus severing the tip of the cigar. When the post is oscillated, its transverse arm 28 is brought into contact with the standard 27 on the drawer, and said drawer is forced open against the influence of its spring. As the drawer advances, the guide-plate serves to throw the curved picker forward by causing it to turn on its pivot, and the point of the same takes into a match with which the drawer is filled, and when the operating lever or handle is released the post is returned to its first position, the drawer closed by its spring, and the picker consequently lifted by the action

of the guide-plate, so as to present a single match to the smoker.

Having described my invention, what I claim is—

- 5 1. In a cigar-tip cutter, a pivoted post provided with spiral grooves and carrying a knife, in combination with a pivoted lever spring-actuated in one direction and terminating in a handle, a ring mounted on the post and having lugs taking in the grooves and loosely engaging the lever, and a plate arranged over the knife and having cigar-end-receiving perforations located in the path of the knife, substantially as specified.
- 15 2. In a cigar-tip cutter, the combination, with a pivoted post having spiral grooves, of a ring loosely mounted on the post and having lugs taking in the grooves, and provided with laterally-projecting shanks having guide-eyes, a knife carried by the post, a pivoted operating-lever having a spring for actuating the same in one direction, a yoke having curved slots and formed on the lever, the shanks being arranged in the slots, and a 20 perforated cigar-end-receiving plate arranged over the knife, substantially as specified.
3. In a cigar-tip cutter, the combination, with an axially-pivoted post provided with opposite spiral grooves and carrying a knife, 30 of a ring loosely mounted on the post and having lugs engaging the grooves and terminating outside of the ring in shanks having guide-eyes, opposite vertical standards for the guide-eyes, and a lever spring-actuated in one 35 direction and terminating at one end in a handle, and having a yoke formed between its ends provided with curved slots loosely engaging the shanks of the guide-eyes, and a perforated cigar-end-receiving plate arranged 40 over the knife, substantially as specified.
4. In a cigar-tip cutter, the combination, with a case perforated to receive cigar-ends, of a pivoted post mounted in the casing, a knife projecting from the post and adapted 45 to move under the perforations in the case, a drawer mounted for sliding in the case and a spring for normally closing the same, an arm projecting from the post and bearing against the rear end of the drawer and adapted to 50 open the same against the spring at each movement of the post and knife, and means for swinging the post, substantially as specified.
5. In a cigar-tip cutter, the combination, 55 with a casing and a sliding drawer mounted therein having a perforated plate and an

opening in its bottom, a spring for normally closing the drawer, and a curved match-picking arm pivoted at its lower end to a fixed part of the casing and projecting through the 60 opening in the bottom of the drawer and the perforated plate and having its sharpened end terminating outside of the casing, of a post pivoted within the casing and carrying a knife adapted to be swung under the per- 65 forations in the casing, and an arm extending from the post bearing against the drawer and adapted to actuate the same against the tension of the spring, and means for operating the post, substantially as specified. 70

6. In a cigar-tip cutter, a casing having an opening, a sliding drawer mounted in the opening, a spring for normally maintaining the drawer closed, the perforated guide-plate mounted on the rear end of the drawer, a 75 curved picker pivoted in the casing and extending through the same and the guide-plate and terminating in a point over the drawer, an axially-pivoted post mounted in the casing provided with a lateral arm, and a 80 standard mounted on the drawer against which the lateral arm is adapted to be thrown, and a lever for operating the post, substantially as specified.

7. In a cigar-cutter, the combination, with 85 the base, the casing, and the removable cover, the latter provided with a series of cigar-receiving openings, of an axially-pivoted post having spiral grooves and an arm and mounted 90 in the case, a ring mounted on the post and having lugs engaging the grooves, a pivoted lever spring-actuated in one direction terminating in a handle outside of the case and provided with a yoke embracing the ring and 95 loosely connected therewith, a sliding drawer mounted on the base and adapted to be projected through an opening in the casing, a spring mounted in the casing for normally maintaining the drawer within the same, a 100 standard mounted on the drawer and adapted to be struck by the arm extending from the post, and a curved match-picker pivoted to the base and extending through the guide-plate and outside of the casing over the drawer, substantially as specified. 105

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM J. BRIGGS.

Witnessess:

J. P. KEENEY,
E. D. LINDSAY.