(No Model.)

E. ROBARDS.

CUTTER FOR CIGAR WRAPPERS.

No. 588,477. Patented Aug. 17, 1897.

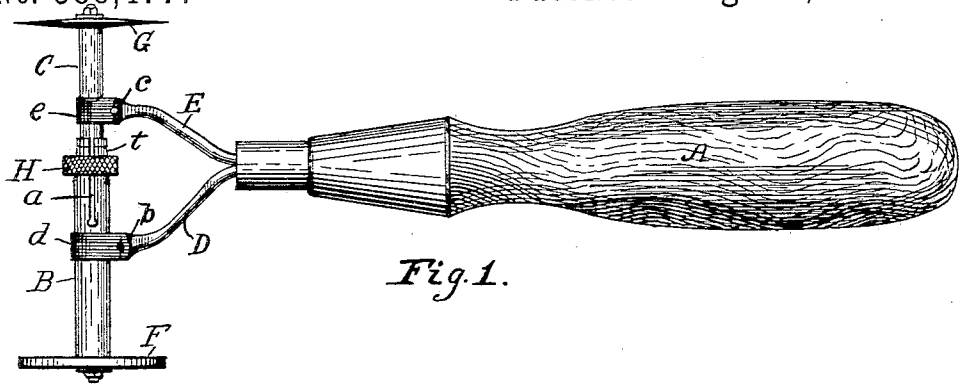


Fig. 1.

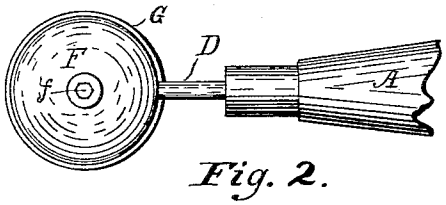


Fig. 2.

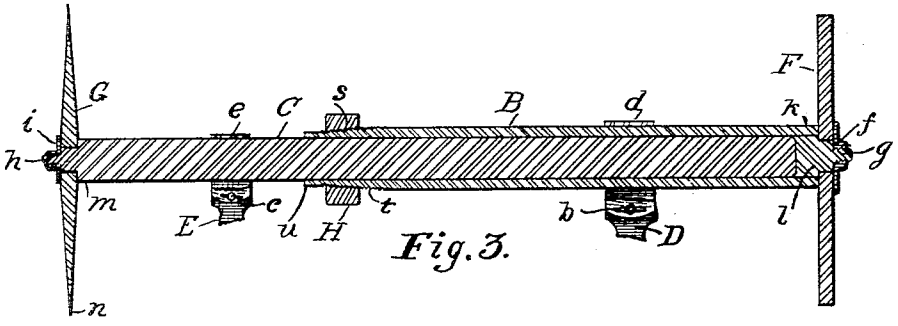


Fig. 3.

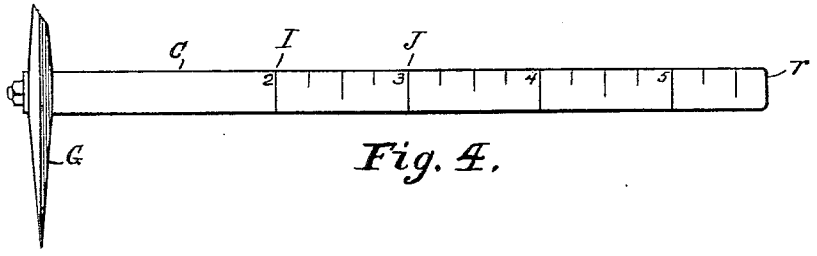


Fig. 4.

Witnesses:
Wm. H. Payne.
F. M. Silvius.

Inventor:
Edward Robards.
By E. D. Silvius & Co
Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EDWARD ROBARDS, OF STILESVILLE, INDIANA.

CUTTER FOR CIGAR-WRAPPERS.

SPECIFICATION forming part of Letters Patent No. 588,477, dated August 17, 1897.

Application filed March 26, 1897. Serial No. 629,353. (No model.)

To all whom it may concern:

Be it known that I, EDWARD ROBARDS, a citizen of the United States, residing at Stilesville, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Cutters for Cigar-Wrappers, &c.; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to that class of cutters in which a circular or disk cutting-blade is used; and it consists in an adjustable frame supporting a cutting-disk and a guide-wheel and in the several parts and combination of parts thereof, as will be more fully described hereinafter.

My object is to provide an instrument of this class that shall be capable of cutting leaf-tobacco without risk of tearing or damaging the leaf, for cigar-wrappers, which may be adjusted so that wrappers of any desired width may be gaged thereby.

A further object is to provide such a device as shall be adapted for cutting various other articles—such as leather, fabrics, &c.—with or without requiring the gage; and a still further object is to provide means in a cutter of this description whereby the disk is constantly guided in an upright position, whereby the cutting edge will longer remain sharp than when allowed to tilt over in use.

I attain these objects in my invention, which is furthermore simple, is cheaply constructed, and is durable and economical in use.

Referring to the drawings, Figure 1 represents a top view of my device; Fig. 2, a side elevation; Fig. 3, a horizontal central sectional view, and Fig. 4 a detail view.

In constructing my invention I employ such material as may be best suited for use in the several parts. I make a horizontal combined axle and gage consisting of a tubular member B and cylindrical member C, the latter being adapted to fit movably inside the tubular member. A frame composed of arms D and E, having clamping ends *d* and *e*, is secured in a handle A, by which the apparatus is carried and operated. The clamp *d* clasps the member B and is provided with a binding-screw *b*, while the clamp *e* clasps the member C and is provided with a like binding-screw *c*, preferably thumb-screws. The outer end *k* of the member B has a plug *l* secured therein, which has a protruding journaled end *g*, the extreme end of which is screw-threaded, and to which is fitted a nut *f*, so arranged as to permit the movement of the guide-wheel F, which is journaled on the plug. The guide-wheel may have either a smooth or milled periphery. At the end *m* of the member C is journaled the cutting wheel or disk G, which is suitably retained by the nut *i* on the threaded end *h*. The cutting edge *n* of the disk may be beveled at either one or both sides, as desired, or a perforating-wheel may be suitably employed for the purpose of making perforated pounce-patterns, the whole apparatus being adaptable for such uses. The end *u* of the tubular member B is provided with external screw-threads *t* on a slightly-tapering surface. The end of the tube has a slot *a* cut into one side of it to permit of contraction of its diameter. A milled binding-nut H, having screw-threads *s*, is adapted to fit over the tapered threaded portion of the tube, and when screwed upward onto the tapering portion the tension increases and contracts the tube to bind upon the inclosed member C.

The body of the member C may be solid or hollow and is laid off and properly marked by suitable characters, as I J, to form an index or gage, so that when the end *r* is inserted into the tubular member B and the figure "2" registers with the end *u* it would indicate that the distance between the guide-wheel F and the cutting-wheel G is two inches and would therefore cut a strip of that width from a guide line or edge of the article being cut. The gage may suitably be arranged with other designations. It will be understood that the axle may be adjusted to any length within its limit and also in its relation to its frame.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A cutter of the character described com-

prising a handle and frame secured thereto, an extensible axle adjustable in said frame, a gage on said axle, a guide-wheel journaled on one end of said axle, a cutting wheel or disk journaled on the opposite end of said axle, and means whereby said axle may be secured at any desired point of adjustment, substantially as shown and described.

2. In a device of the character described, the combination of the handle, the frame having the clamping ends, the axle composed of the hollow member and the adjustable member therein having the gage on the outer surface thereof, the clamping-nut by which said two parts are secured together, and the wheels on said axle, substantially as shown and described.

3. In a cutter for cigar-wrappers and other articles, the combination of the axle composed of the tubular member having a guide-wheel journaled at its outer end and a clamping-nut at its inner end and the adjustable member fitting into said tubular member and having the cutting-wheel journaled at its outer end and the gage on the body thereof, the frame adjustably attached to said axle, and the handle on said frame, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD ROBARDS.

Witnesses:
EDWD. GILBERT,
E. T. SILVIUS.

Correction in Letters Patent No. 588,477.

Affidavit having been filed by the patentee in the matter of Letters Patent No. 588,477, issued upon the application of Edward Robards, of Stilesville, Indiana, August 17, 1897, for an improvement in "Cutters for Cigar-Wrappers," in words and figures as follows, to-wit:

STATE OF INDIANA, COUNTY OF HENDRICKS, *ss.:*

I, Edward Robards, of Stilesville, aforesaid, the patentee of Letters Patent No. 588,477, for "Cutters for Cigar-Wrappers," being duly sworn, depose and say that the statement of my residence in the preamble of the specification of the above-cited Letters Patent was erroneously given as "Stilesville, Marion County, Indiana," whereas I am a resident of Stilesville, Hendricks County, Indiana.

EDWARD ROBARDS.

Subscribed and sworn to before me this 7th day of September, 1897.

[SEAL.] FRANCIS M. OSBORN,

Notary Public, Residing at Stilesville, Indiana.

The same has been placed on file with the papers in the case and a copy attached to the patent and the printed copies thereof in compliance with the request of the patentee.

Signed, countersigned, and sealed this 21st day of September, A. D. 1897.

[SEAL.] WEBSTER DAVIS,

Assistant Secretary of the Interior.

Countersigned:

BENJ. BUTTERWORTH,

Commissioner of Patents.