

No. 847,277.

PATENTED MAR. 12, 1907.

E. COLEMAN.
ADJUSTABLE KNIFE GAGE.
APPLICATION FILED NOV. 21, 1906.

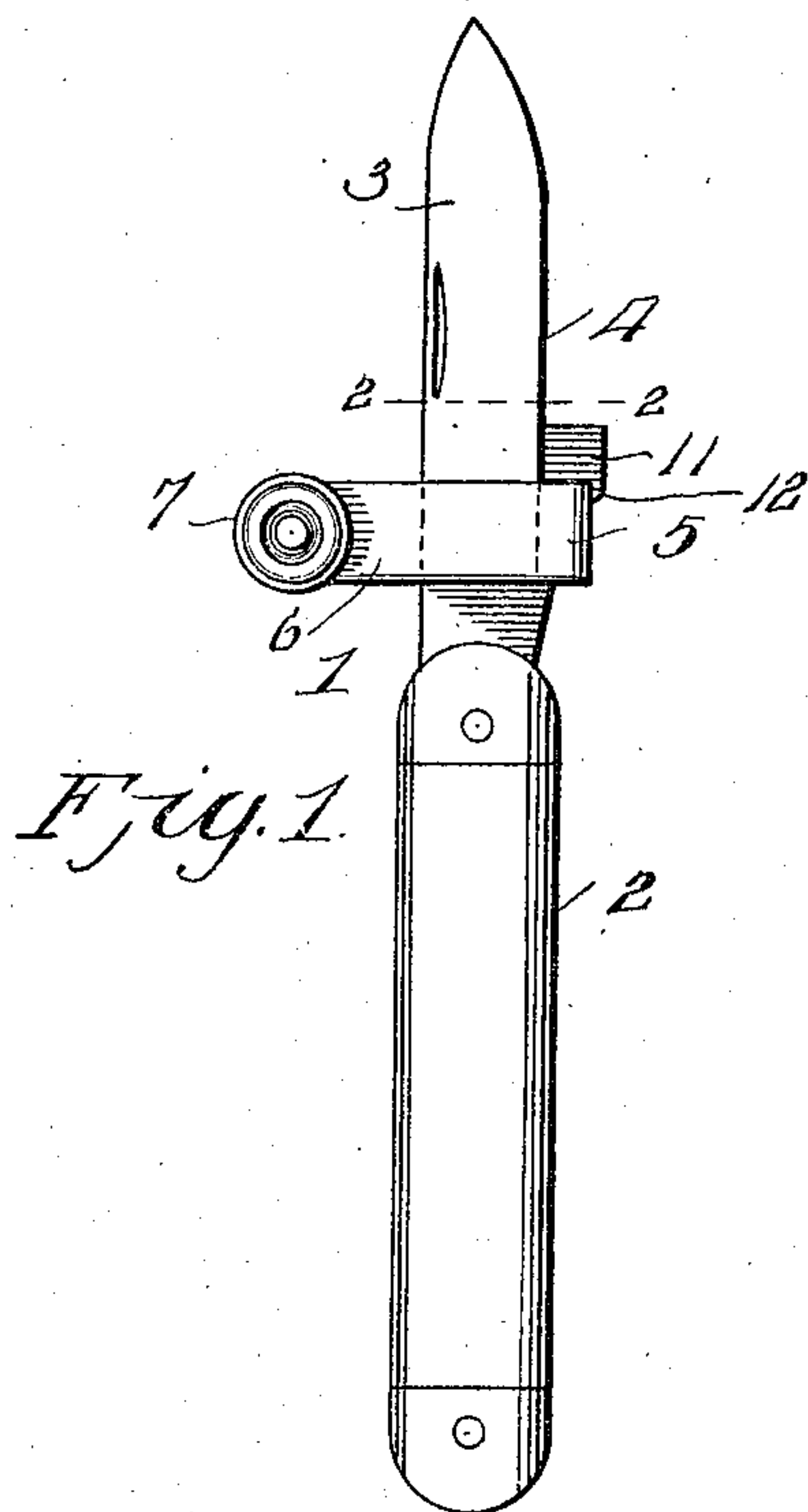


Fig. 1.

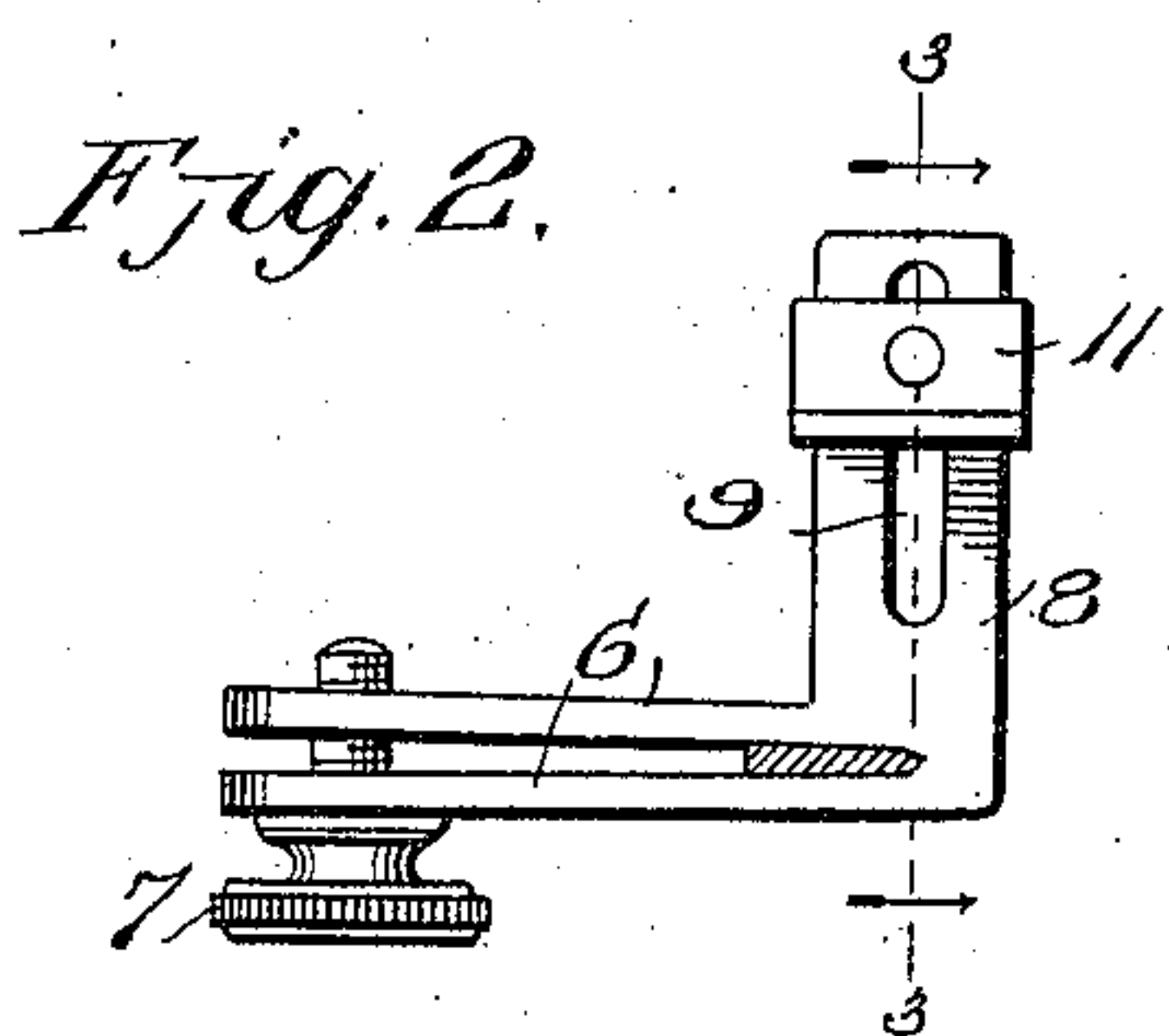
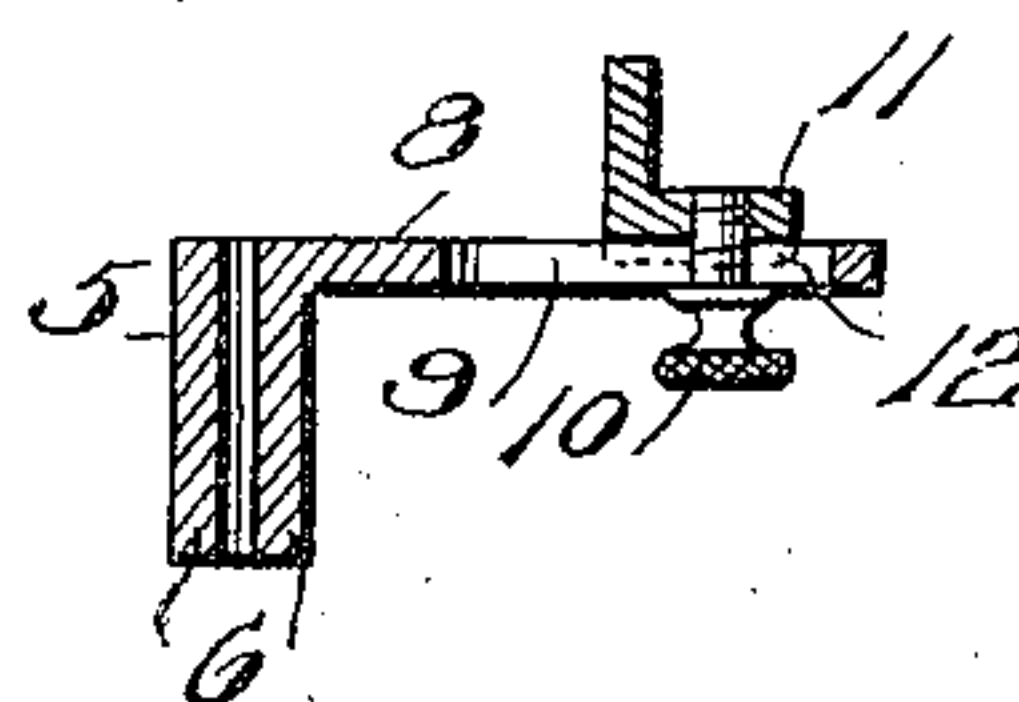


Fig. 2.

Fig. 3.



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ADJUSTABLE KNIFE-GAGE.

No. 847,277.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed November 21, 1906. Serial No. 344,472.

To all whom it may concern:

Be it known that I, EDWARD COLEMAN, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented new and useful Improvements in Adjustable Knife-Gages, of which the following is a specification.

My invention relates to gage attachments for knives for cutting leather and similar material; and its objects are to provide a simple and convenient attachment that can readily be placed upon and removed from the knife-blade and which while in place may be adjusted for cutting strips or ribbons of desired widths; also, to adapt the gage for use as an attachment for ordinary pocket-knives that may be readily placed and removed at pleasure.

My improvements are illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of an attachment embodying the invention and showing the same applied for use on a knife. Fig. 2 is a horizontal section taken on the line 2 2 of Fig. 1, and Fig. 3 is a vertical transverse section taken on the line 3 3 of Fig. 2 and showing the parts on a larger scale.

Referring to the drawings, 1 designates the cutting-tool, preferably an ordinary pocket-knife having a handle 2 and a folding blade 3, having a sharpened cutting edge 4.

The gage devices comprise a member having a body portion 5, provided with a pair of clamping-jaws 6, (preferably spring-jaws,) joined at their forward ends and preferably normally divergent from front to rear. Near their rear ends the jaws are provided with a thumb-screw 7 for clamping them to the blade 3. At the forward end of the body 5 is a laterally-projecting arm 8, provided with an elongated longitudinal slot 9, in which is a slidable screw 10. This screw engages with and carries a substantially L-shaped gage-head 11, which is provided with depending side flanges 12, that bear on the adjacent edges of the arm 8.

In practice the gage-body is secured in place on the blade 3 by seating the latter between the clamping-jaws with its edge 4 toward the front end of the body 5, and the

jaws are then operated by the screw 7 to clamp and hold the parts in place. The gage-head 11 may then be adjusted along the arm 8 in accordance with the width of the strips to be cut and secured at the point of adjustment by means of the screw 10. When so arranged, the head 11 is brought to contact with the edge of the leather or other material to be cut, and the knife is drawn toward the operator to cut a strip or ribbon from the material, the blade movement being guided by the contact of the gage-head with the edge of the material.

It is obvious that the device can be readily removed from the blade by turning the screw 7 to open the jaws, and it is also obvious that the gage-head can be easily adjusted for cutting strips of different widths.

An especial advantage of this device is that it is adapted for use in connection with a knife-blade of any style, thus enabling it to be used as a removable attachment for an ordinary pocket-knife.

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

1. A knife-gage, comprising a body portion providing clamping-jaws adapted to engage a cutting-blade, an arm extending laterally therefrom at a right angle and provided with a longitudinal slot, a gage-head adjustable lengthwise of said arm, and a screw operating in said slot for holding the gage-head in place on the arm, substantially as set forth.

2. A knife-gage, comprising a body portion providing clamping-jaws adapted to engage a cutting-blade, an arm extending therefrom laterally and at a right angle to the side of the blade, a flanged L-shaped gage-head slidable on said arm, and a screw operating in said slot for holding the gage-head in place on the arm, substantially as set forth.

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

EDWARD COLEMAN.

Witnesses:

J. W. McGUIRE,
W. D. MacKAY.