

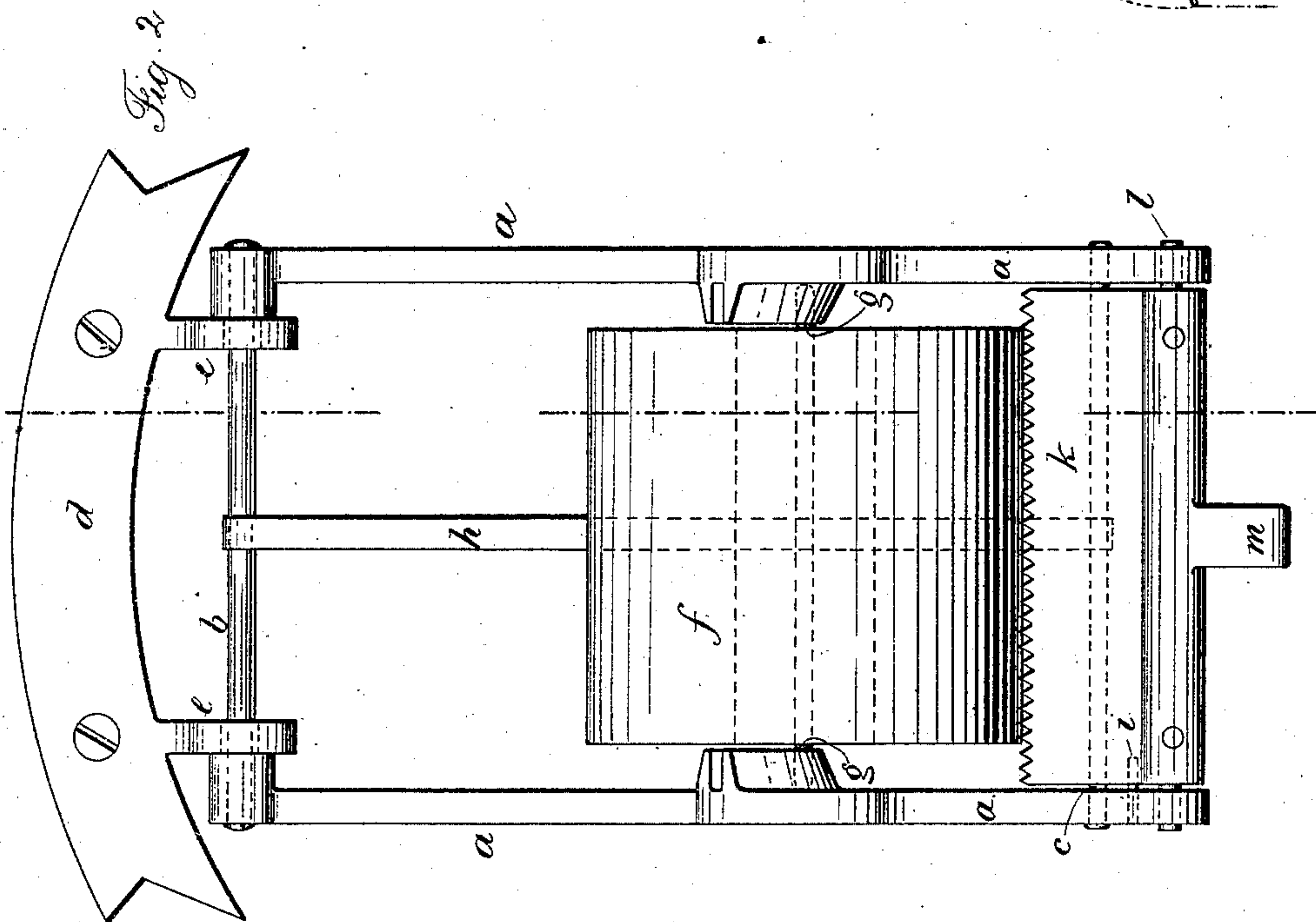
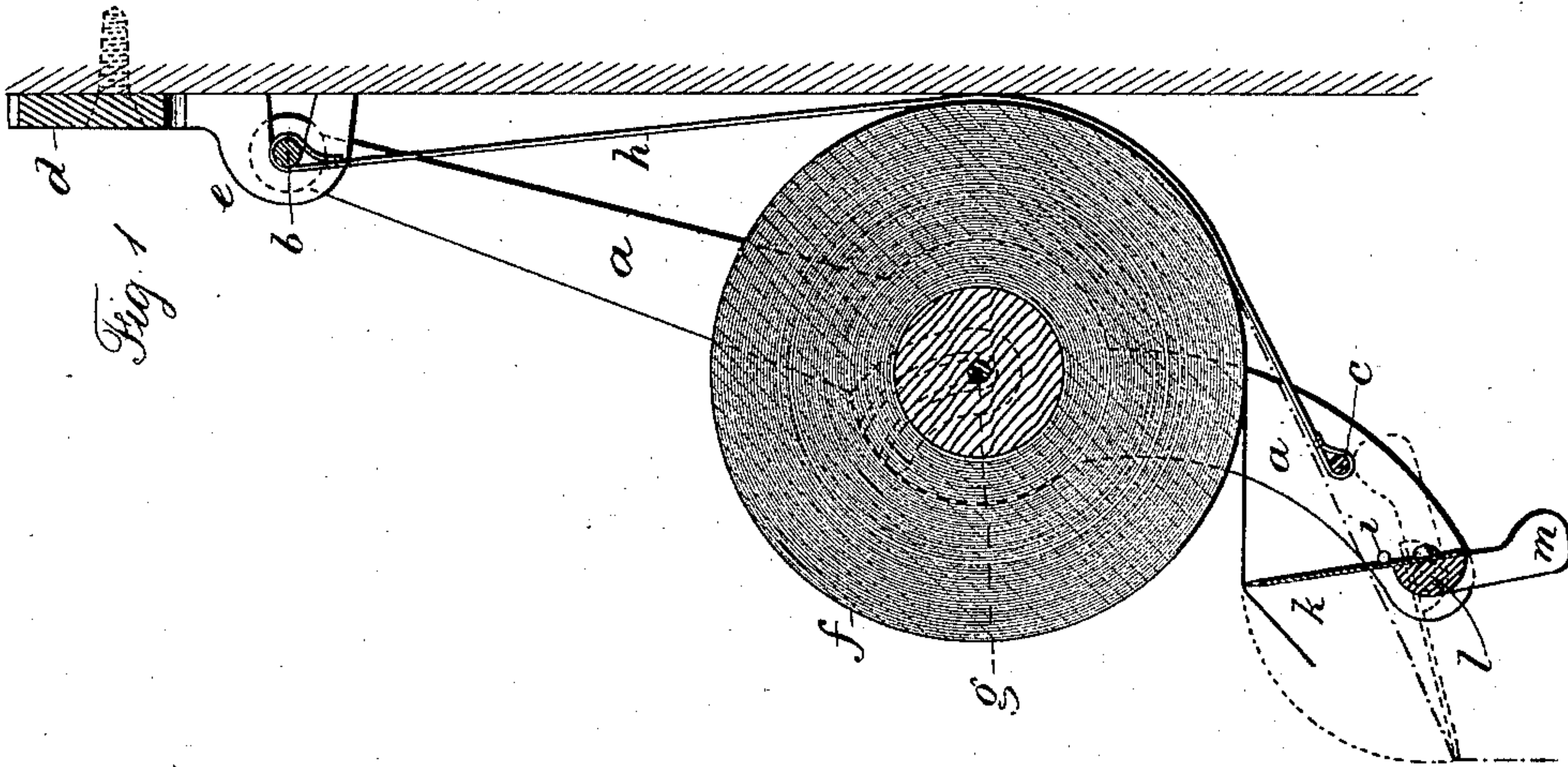
(No Model.)

B. F. EATON.

PAPER HOLDER.

No. 285,398.

Patented Sept. 25, 1883.



Witnesses
J. Hall
Chas. H. Smith

Inventor
Benjamin F. Eaton
per Lemuel W. Serrell atty

UNITED STATES PATENT OFFICE.

BENJAMIN F. EATON, OF COXSACKIE, NEW YORK, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE UNION CABINET AND PAPER COMPANY, OF BOSTON, MASSACHUSETTS.

PAPER-HOLDER.

SPECIFICATION forming part of Letters Patent No. 285,398, dated September 25, 1883.

Application filed January 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. EATON, of Coxsackie, in the county of Greene and State of New York, have invented an Improvement in Paper-Holders, of which the following is a specification.

In Letters Patent No. 193,175 and Reissue No. 7,087 paper-holders are represented for containing a roll of paper, and a knife with serrated edge is also shown.

My present invention relates to the combination, with the device for holding a roll of paper, of an oscillating serrated knife which swings by the pressure upon it of the paper as it is torn off, and the knife turns up automatically out of the way when the pressure is relieved, thereby preventing the edge of the knife remaining in a position to injure the person or clothing of the party handling the same or passing closely thereto. It is to be understood that these paper-holders are hung up against a wall in water-closets or placed upon or under a counter or shelf, and that there is a risk of personal injury in cases where the serrated edge of the knife stands out toward a person. By my improvement I swing the knife up vertically where its edge is out of the way.

In the drawings, Figure 1 is a vertical section of my paper-holder, and Fig. 2 is an elevation of the same.

The frame, composed of the side pieces, *a a*, and cross-bars *b c*, is hung up against a wall or other place by the head-bar *d*, having hooks *e*, that grasp over the bar *b*, said hooks and bar forming pivots for the side frames, *a*, and screws are employed for holding up the head-bar *d*. The frame swings on the pivots, so as to accommodate the size of the roll of paper. The paper in the form of a roll, *f*, is upon a wooden roller, with an axle or pin, *g*, that passes at its ends into the slotted cheek-pieces of the frame *a*, and there is a strip of rubber or elastic webbing, *h*, extending from the bar *c* to the bar *b*, which elastic presses against the roll of paper, to prevent its unwinding accidentally, and also to prevent the loose end of the paper falling back where it could not easily be grasped in drawing such paper forward before cutting it off. The roll hangs

against this elastic, and the wall or surface to which the holder is hinged.

The serrated knife *k* is made of a blade of steel, with an edge of numerous sharp points. This knife is upon an axis or pin, *l*, so that it swings freely thereon. The counter-weight *m* keeps the knife upright, or nearly so, with its edge out of the way of a person standing near the paper-holder or using the same. A stop, *i*, limits the movement when turned up into its normal position, and when turned down for use into the position shown by dotted lines in Fig. 1 the counter-weight comes into contact with the bar *c*. When the paper is drawn upon to pull off the required amount from the roll, the knife swings forward, if the paper is in contact with it, and when the paper is to be torn off it is to be drawn down upon the serrations or points of the cutter, so that they penetrate the paper and separate the same. This swinging knife may be applied to a paper-holding case such as shown in my aforesaid patents, instead of to the frame shown, and a knife pivoted so as to swing as aforesaid might be made with a smooth edge, instead of being serrated, if desired. As soon as the pressure on the paper is relieved, the knife swings up automatically by the action of the counter-weight; and I remark that a spring may be applied in any convenient manner to take the place of the counter-weight. The knife, turning up beneath the end of the sheet of paper, raises the same and leaves the end projecting in a position that allows of its being easily grasped and drawn out previous to being again torn off.

I claim as my invention—

1. In combination with a holder for a roll of paper, a knife with serrations or points on its edge, an axis for the knife to swing on, and a counterpoise to bring the knife into a nearly vertical position when not in use, substantially as set forth.

2. The frame formed of the side pieces, *a a*, and cross-pieces *b c*, in combination with the head-bar *d*, the axle for the roll of paper, and a swinging knife below the roll of paper for the paper to be torn against its edge, substantially as set forth.

3. The knife and the means for supporting

a roll of paper, in combination with the elastic strip *h*, in contact with said roll of paper, for the purposes and substantially as set forth.

4. The combination, with the roll of paper
5 and means for supporting the same, a knife, pivots for the same to swing upon, and a weight or spring to swing the edge of the knife up toward the roll of paper, substantially as set forth.

Signed by me this 17th day of October, A. 10
D. 1882.

BENJAMIN F. EATON.

Witnesses:

A. C. DWIGHT,

G. H. RICHTMYER.