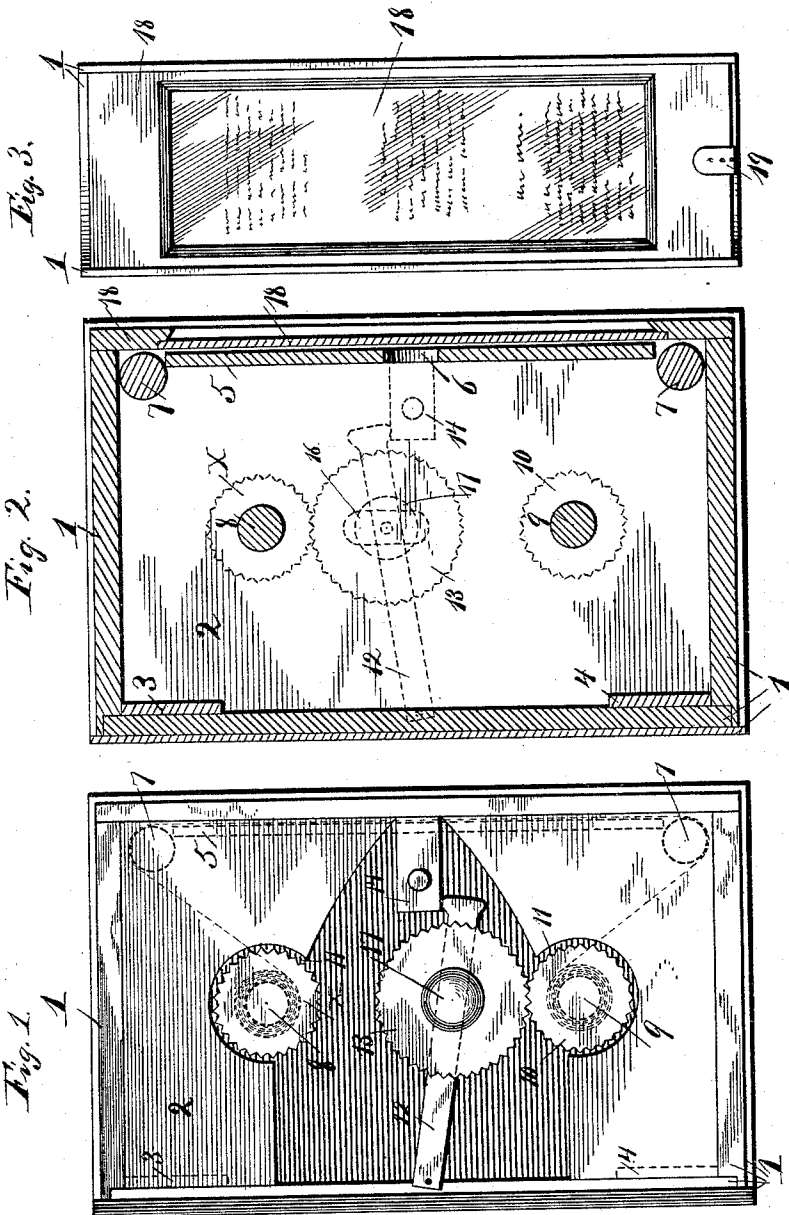


(No Model.)

J. V. HOUSTON.
SCRAP BOOK.

No. 485,937.

Patented Nov. 8, 1892.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN V. HOUSTON, OF LINKVILLE, OREGON.

SCRAP-BOOK.

SPECIFICATION forming part of Letters Patent No. 485,937, dated November 8, 1892.

Application filed June 23, 1892. Serial No. 437,741. (No model.)

To all whom it may concern:

Be it known that I, JOHN V. HOUSTON, of Linkville, county of Klamath, and State of Oregon, have invented certain new and useful Improvements in Scrap-Books, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to produce an improved kind of scrap-book and mechanism for operating the same.

It consists in an arrangement of cuttings in a continuous strip of paper, which may be of the usual width of newspaper-columns, or wider, as occasion demands, carried in a suitable case or book and provided with mechanism for causing the strip to travel in front of an opening or transparent side in the case.

In the accompanying drawings, Figure 1 is a view of my device, showing the side of the roll-frame. Fig. 2 is a central vertical section of the case and roll-frame united. Fig. 3 is a view of the inner edge of the device as in use.

Referring to the figures on the drawings, 1 indicates a case of suitable shape and size, which is preferably made in the form of a closed book having a leather-covered back for labels and preferably wooden sides and ends. It may be suitably ornamented in any appropriate manner and made in perfect imitation of a book.

2 indicates a roll-frame, which may be conveniently made of two pieces of thin board joined together by cross-pieces 3 and 4 and having a continuous strip 5 along its upper edge and extending nearly to the ends of the frame. It is preferably provided with a finger-hole 6 for lifting the frame, which is made of dimensions to closely fit within the case, so as to be held therein by friction without rattling. At the opposite ends of the cross-strip, in suitable bearings in the sides of the frame, are mounted guide-rollers 7.

8 and 9 indicate spools that are adapted alternately to pay out or take up a strip of paper. Either one or the other can act as a take-up roller, as the operation is in one direction or the other. The spools are carried in suitable bearings in the sides of the frame and are provided with gears 9 and 10, fastened to their journals, respectively, on the outside of the frame, so as to be operated from without.

These gears are preferably set in depressions or recesses 11 in one side of the frame, so as to turn freely without striking the side of the case when the frame is in position.

12 indicates a swinging frame, preferably attached to the front of the case and carrying a large gear 13.

14 indicates a spring fastened in the inner edge of the same side of the case and provided with a push-button projecting through the case, so as to lift the spring from the outside. The spring lies normally flat against the side of the case in the path of the swinging frame, so as to hold it away from the perpendicular. The side of the frame which carries the gears is provided with a large recess adapted to accommodate the movements of the swinging frame geared thereon and the spring when the frame is inserted in the case. When the frame is so inserted by shifting the swinging frame to one side or the other, the gear thereon will come in mesh with one or the other of the small gear-wheels on the frame and by its rotation will be adapted to impart motion to that gear.

16 indicates a transverse slot in the side of the case through which projects a handle 17, such as a rotating pin or crank, by which the swinging frame may be shifted from one side to the other and the gear operated. This handle may be made hinged to lie over against the case, or it may be separable for convenience. When the frame is set in place in the case the transparency-frame 18, which is preferably hinged at one end to the top or bottom of the case and provided with a catch 19 at the other, is closed and fastened. Then the swinging frame is, by means of the handle 17, shifted so as to bring the large gear into mesh with the small gear of the empty spool, and the handle is rotated to wind the strip of paper from the filled spool upon the empty one, thereby passing the strip under the transparency in the inner edge of the book or case, so that the articles carried on the strip may be read conveniently.

It will be observed that one case may be provided for a set of frames, so that the frames may be renewed and the rotating matter changed at any time, or the spools may be detachable in the frame, or the strip detachable from the spools in any usual and

well-known manner. These are matters of detail of construction to which of course I do not desire to confine myself.

What I claim is—

5 The combination, with the inclosing casing having an opening at one edge, of the rollers 7, journaled at the corners of the casing adjacent to said opening, the plate 5, located just back of said opening, the winding and un-
10 winding rollers 8 9, journaled within the casing and provided with gear-wheels 11, the intermediate gear-wheel 13, journaled in the frame 12, pivoted to one side of the casing, and adapted to be thrown into engagement

with either of the wheels 11, the push-button 15 17, whereby the frame 12 may be manipulated to change the position of the gear-wheel 13, and the spring-catch 14, adapted to engage the free end of the frame 12 to hold the gear-wheel 13 in engagement with either of the 20 wheels 11, substantially as and for the purposes specified.

In testimony of all which I have hereunto subscribed my name.

JOHN V. HOUSTON.

Witnesses:

W. T. BUTCHER,
J. A. CARTER.