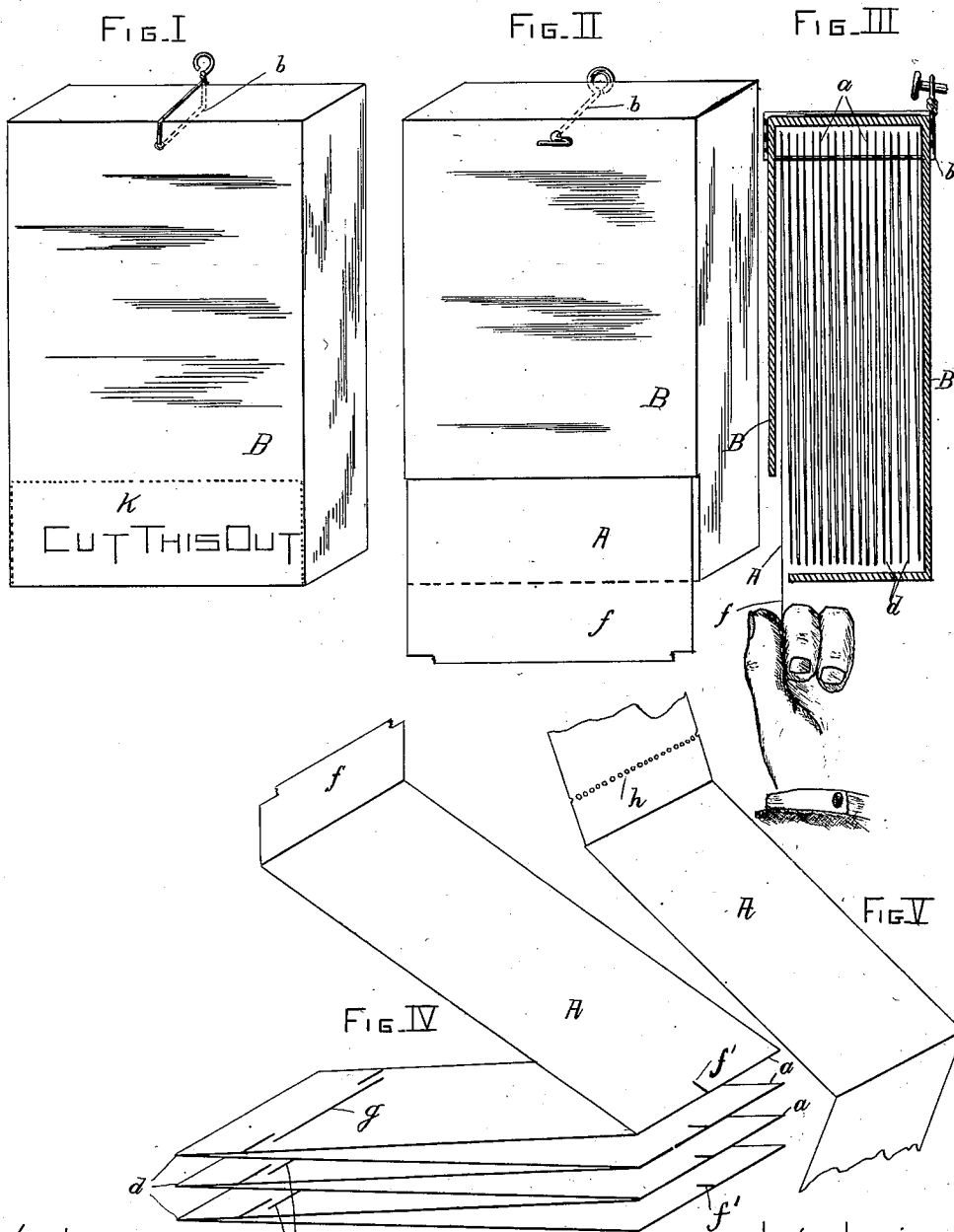


(No Model.)

E. N. CUMMINGS.
TOILET OR WRAPPING PAPER.

No. 487,026.

Patented Nov. 29, 1892.



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EDWARD N. CUMMINGS, OF LYNN, MASSACHUSETTS.

TOILET OR WRAPPING PAPER.

SPECIFICATION forming part of Letters Patent No. 487,026, dated November 29, 1892.

Application filed December 21, 1891. Serial No. 415,691. (No model.)

To all whom it may concern:

Be it known that I, EDWARD N. CUMMINGS, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Toilet or Wrapping Paper, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention has for its object to produce a package of toilet or wrapping paper which may be easily and cheaply prepared, which shall be compact and therefore capable of being packed and shipped at a minimum of expense, which may be used without a "fixture" or contrivance of any kind, which shall secure the paper from displacement, protect it from dust and the like, and from which the paper may be readily taken in given quantities, as required.

The invention consists in certain novel features, which are set forth in the following description and particularly pointed out in the claims which are appended hereto and made a part hereof.

My invention will be readily understood from the following description, in which reference is made to the accompanying drawings, which form a part hereof, and in which—

Figure 1 is a perspective of a package of toilet-paper prepared for sale and shipment. Fig. 2 is a similar view showing the package ready for use. Fig. 3 is a vertical section of Fig. 2, showing more fully the manner of detaching a given quantity of paper from the package. Fig. 4 is a detail showing the manner of folding, also of partially severing one portion from the adjoining portion. Fig. 5 shows another method of partially severing the portions.

The paper A, which is cut in a continuous ribbon or sheet, is reversely folded on itself, as is clearly shown in Fig. 4. The sheet is partially severed on alternate lengths thereof at points intermediate the folds by perforations, as shown at *h* in Fig. 5, or preferably by cuts which pass each other, as shown at *g*, Fig. 4, the latter method of partially severing leaving the adjoining portions attached at two points by a narrow piece of paper in such a way that the portions will part under very

slight strain. Near the upper folds *a* of the package a wire or rod *b* is passed through, which serves to hang the package to the wall or other support. When a sheet is pulled out of the package, it first tears away from the wire *b*, and then separates where it is partially severed, as at *g*, near the lower fold *d*. It should be so nearly severed at that point as to part readily, otherwise the next succeeding double sheet would tear away from the wire *b*, and two sheets would be withdrawn instead of one. The cutting or severance at the point *g* should be so nearly complete that it will separate at that point rather than tear away from the wire *b*. By this arrangement a double sheet of paper may be withdrawn from the package each time the depending flap *f* is pulled. The line of severance being somewhat short of and above the lower line of fold *d*, the flap *f* is left hanging down each time a double sheet is withdrawn, ready to be seized when it is desired to withdraw another sheet. The wire *b* is not essential, but it is a convenience in suspending the package for use. When the wire or rod is used, the folds of the paper directly above the wire are slit by a short cut, as shown at *f'*, Fig. 4, so that the paper will tear away from the wire more readily and with less liability of making an objectionable tear or hole in the sheets. By this means when a sheet is withdrawn from the package it has only a short slit at the point where the wire passed through. A package consisting of a given number of sheets or folds is covered by an outside case or covering B, preferably of paper secured by paste or in any other suitable manner. On the front of the package, at the lower end, a portion or strip K of the outside wrapper is marked or perforated and bears printed directions (see Fig. 1) indicating that the portion within the perforations is to be torn or cut out. When this is done, the flap *f* of the front sheet falls down, as shown in Fig. 2, and the package is ready for use. By this arrangement no fixture is required, the paper is always protected from dust, and it is presented for use in such manner that it may be easily withdrawn, one double sheet and one only at a time.

My invention can be applied to wrapping-

paper, in which case the paper is folded as above set forth and may or may not be covered with a case or covering, and it will be partially severed or perforated, as is toilet-
5 paper. In this way packing or wrapping paper may be placed under a counter if used in a shop, and the valuable counter-space now required for paper in rolls left free for other uses.

10 The paper may be partially severed, as at g, either on every alternate fold or less frequently, the distance between the points of severance depending on the amount of paper which it is desired to withdraw at one time.

15 What I claim is—

1. A package of paper consisting of a continuous sheet reversely folded upon itself, as described, and partially severed on alternate lengths, the points of severance being intermediate the folds, substantially as set forth.
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2. A package of paper consisting of a continuous sheet reversely folded upon itself, as described, and partially severed on alternate lengths at points intermediate the folds, and
25 a securing and suspending wire passing through one end of said package, the folds of

said paper being slitted adjacent said wire, for the purposes and substantially as set forth.

3. A package of paper consisting of a continuous sheet reversely folded upon itself and partially severed on alternate lengths at points intermediate the folds, as described, and a case or covering inclosing the same and having at the front lower portion thereof a removable strip, whereby when the said strip
35 is removed the paper may be readily withdrawn, as required, substantially as set forth.

4. A package of paper consisting of a continuous sheet reversely folded upon itself, as described, and partially severed on alternate lengths at points intermediate the folds, a case or covering inclosing the same, and a securing and suspending wire passing through one end of the said package, for the purposes and substantially as set forth.
45

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

EDWARD N. CUMMINGS.

Witnesses:

WM. A. MACLEOD,
A. H. MORRISON.