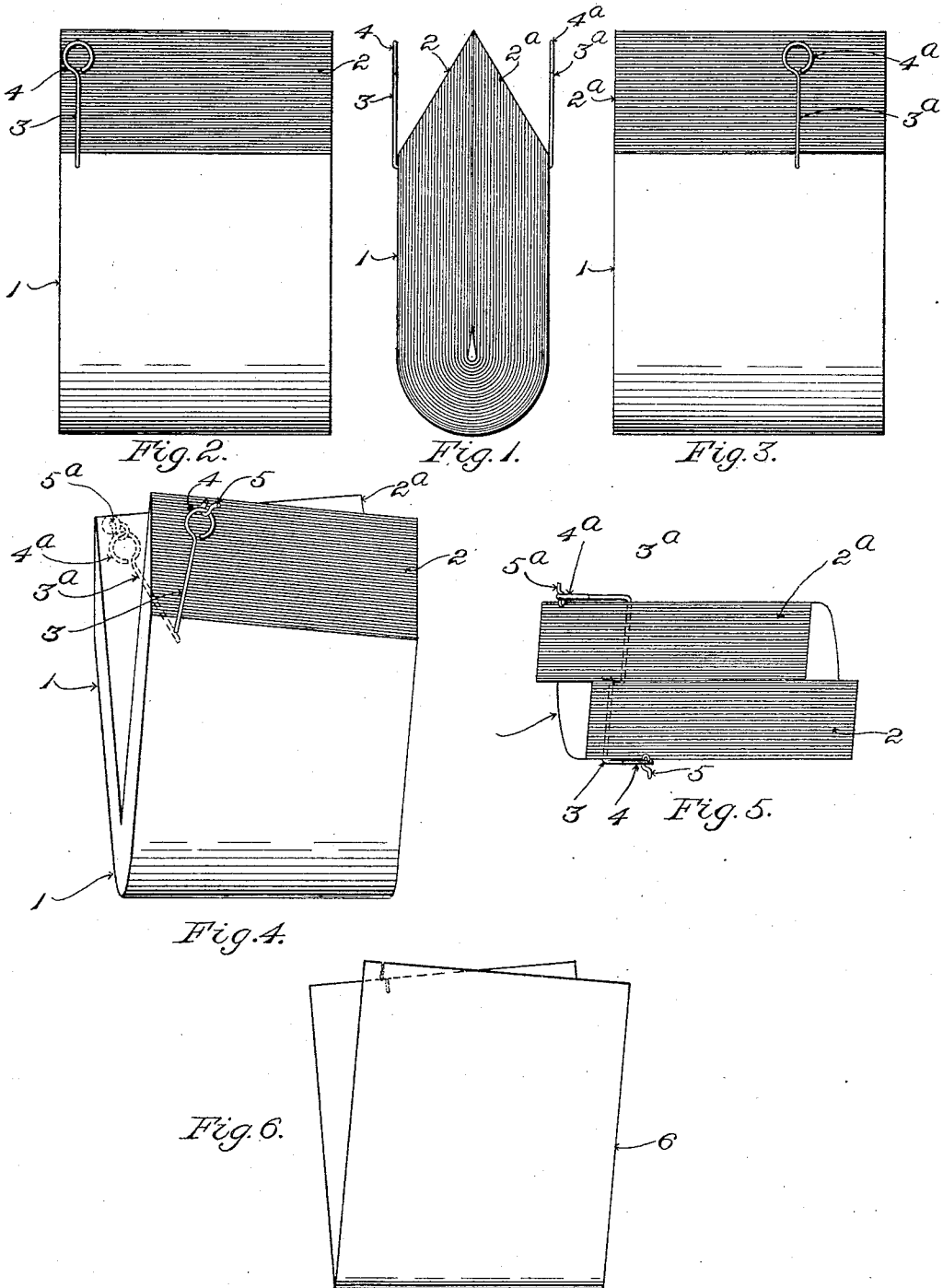


G. T. JOHNSON.
TOILET PAPER PACKAGE.
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Patented Nov. 30, 1909.



Witnesses:
Oscar F. Hill
Nathan B. Day.

Inventor
George T. Johnson
by Chas. F. Randall
Attorney.

UNITED STATES PATENT OFFICE.

GEORGE T. JOHNSON, OF MELROSE, MASSACHUSETTS.

TOILET-PAPER PACKAGE.

941,715.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE T. JOHNSON, a citizen of the United States, residing at Melrose, in the county of Middlesex and State of Massachusetts, have invented a certain new and useful Improvement in Toilet-Paper Packages, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention consists in a package of toilet-paper composed of a number of sheets assembled together and having applied to the opposite end-portions thereof wires or other suitable devices adapted for connection with hooks or other engaging or retaining devices in a cabinet or fixture, the location of the wire or holding device of one end-portion being displaced in the direction of the width of the package with respect to that of the wire or holding device of the other end-portion.

A special feature of the invention consists in having one of such wires or holding devices applied at one corner of the corresponding end-portion of the package, and the wire or holding device of the opposite end-portion applied between the corresponding corner of such end-portion and the middle of the width of the latter, or at or approximately at such middle.

For adaptation to the cabinet or fixture, the package is bent or folded upon a transverse line so as to bring the opposite end-portions thereof together. Preferably, the package, in the more complete embodiment of the invention, is prepared in bent or folded shape in readiness for sale and use, but I contemplate in some instances, for convenience in packing, etc., furnishing the package in flat condition, in which case the user will bend or fold it at the time of inserting it into a cabinet or fixture.

The package in which the invention resides is designed more particularly to be used in a cabinet or fixture of substantially the construction described and claimed in my application for U. S. Patent therefor filed January 9, 1909, Serial No. 471,505. The cabinet or fixture of my application in question is constructed with a delivery-slit adjacent the position of the leading edge of the package, and is provided with manually-operated means for feeding from the package into the said slit, and far enough through the slit to enable the outwardly

projecting portion of a sheet to be grasped by hand and the sheet pulled out. The feeder works within the bend of the package and engages with the inner surface of the innermost sheet at the bend. Engaging or retaining devices are provided in the cabinet or fixture for engagement with the wires or other holding devices that are applied as aforesaid to the end-portions of the package. The engagement of the said wires or other holding devices with the said engaging or retaining devices holds the end-portions of a sheet from advancing while the bend of the sheet is being pushed forward by the feeder, the result being that the leading edge of the sheet at the bend is pushed forward through the delivery-slit so as to expose a corner-like portion in readiness to be grasped. When such corner-like portion at the bend is taken hold of and the sheet is forcibly pulled out through the slit, the sheet thereby is torn loose from the wires or other holding devices and withdrawn from the cabinet or fixture.

The particular objects of the invention are to make provision for enabling the two end-portions of a sheet to be displaced edgewise with reference to each other in the cabinet or fixture, so as to cause them respectively to lap past each other at the opposite margins of the doubled sheet as delivered, and thereby increase considerably the effective width of the doubled sheet.

The invention is illustrated in the drawings, in which latter,—

Figure 1 is an edge view of a folded or bent package embodying the invention. Figs. 2 and 3 are opposite side views thereof. Fig. 4 is a side view thereof showing also the engaging or retaining devices of a cabinet or fixture, and the lateral displacement of the two end-portions of the package when within the cabinet or fixture. Fig. 5 is a plan view of the parts of Fig. 3. Fig. 6 shows a single sheet, and illustrates the shape it is caused to assume by the employment of the invention.

Having reference to the drawings,—the package 1 is composed, as specified above, of a number of sheets of paper assembled together and bent or folded upon a transverse line so that the opposite end-portions 2, 2^a, of the assembled mass of sheets are together. At 3, 3^a, are holding devices which are constituted by wires that are passed through

the sheets in a well-known manner and formed with eyes or loops 4, 4^a, for connection with the engaging or retaining devices that are provided in the cabinet.

- 5 In accordance with the invention, the holding device 3 is applied to the end-portion 2 close to one corner of such end-portion, and the holding device 3^a is applied to the end-portion 2^a at some distance from the
10 corresponding corner and well toward the middle of the width of the sheet.

Figs. 2 and 3 show the relative positions occupied by the two holding devices 3, 3^a, before the package has been placed in the
15 cabinet or fixture. Figs. 4 and 5 show the shape assumed by the package when in place within the cabinet or fixture, with the holding devices or wires connected with the engaging or retaining devices 5, 5^a.

- 20 In accordance with the invention described and claimed in my application aforesaid, the said engaging or retaining devices 5, 5^a, are also offset somewhat with reference to each other in the direction of the
25 width of the package.

The effect of the relative displacement of the holding devices or wires with respect to each other in increasing the width of the
30 package when within the cabinet or fixture is indicated in Figs. 4 and 5. Fig. 6 shows the shape retained by a sheet 6 after delivery from the cabinet or fixture.

I claim as my invention,—

- 35 1. A package of toilet-paper composed of a number of sheets assembled together and having applied to each of the opposite end-
portions of the assembled sheets at points

offset with respect to the middle of the width of the package a holding device or wire adapted for connection with an engaging or
40 retaining hook in a cabinet or fixture.

2. A package of toilet-paper composed of a number of sheets assembled together and having applied to each of the opposite end-
45 portions of the assembled sheets a holding-device or wire adapted for connection with an engaging or retaining hook in a cabinet or fixture, with that which is applied to one end-portion located at the corner of the latter, and that which is applied to the other
50 end-portion located at an intermediate point nearer the middle of the width of such end-portion.

3. A package of toilet-paper composed of a number of sheets assembled together and
55 bent or folded upon a transverse line so that the opposite end-portions are together, and having applied to each of the opposite end-portions of the assembled sheets a holding-device or wire adapted for connection with
60 an engaging or retaining hook in a cabinet or fixture, with that which is applied to one end-portion located at the corner of the latter, and that which is applied to the other end-portion located at an intermediate point
65 nearer the middle of the width of such end-portion.

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

GEORGE T. JOHNSON.

Witnesses:

CHAS. F. RANDALL,
EDITH J. ANDERSON.