

(No Model.)

O. H. HICKS.
PACKAGE OF TOILET PAPER.

No. 441,162.

Patented Nov. 25, 1890.

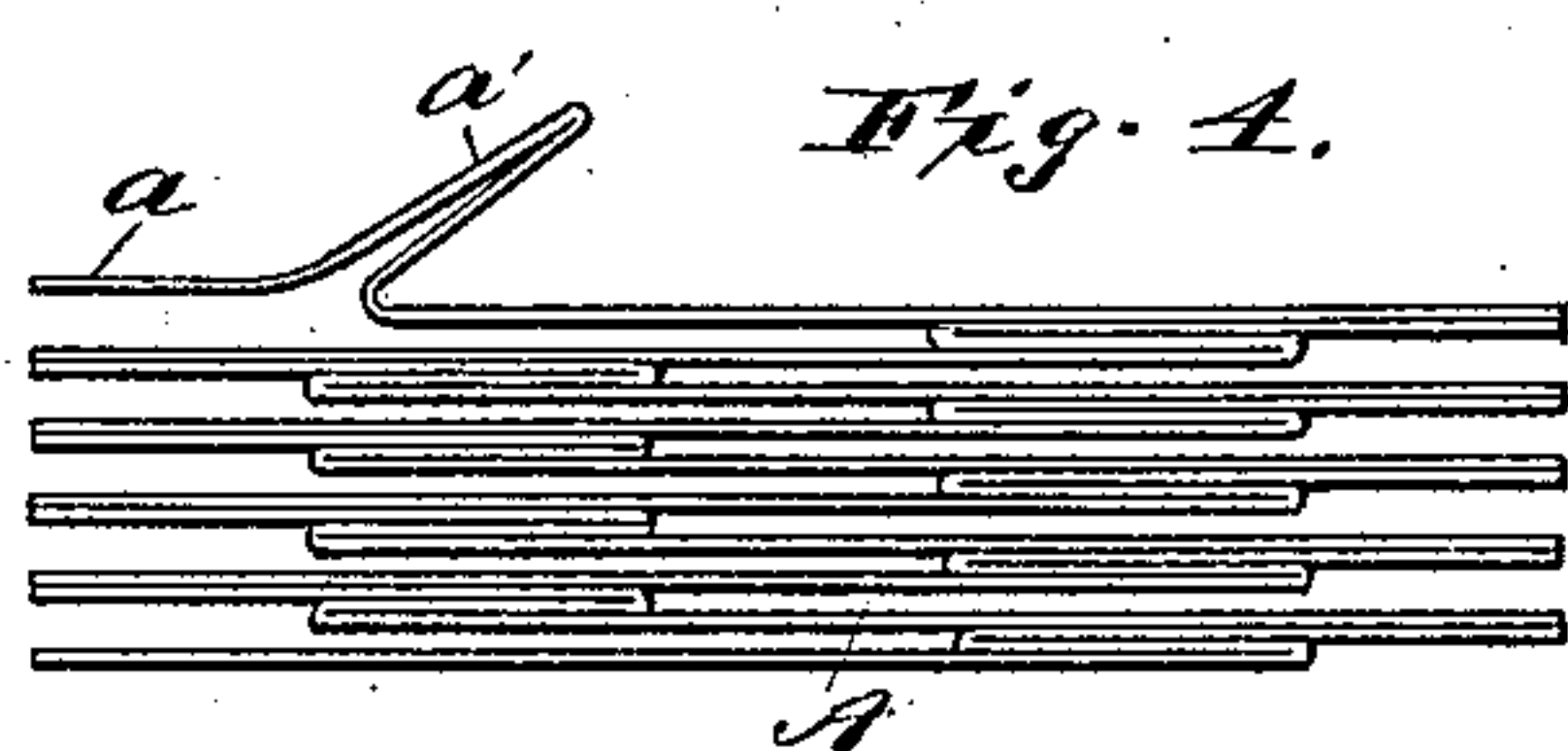
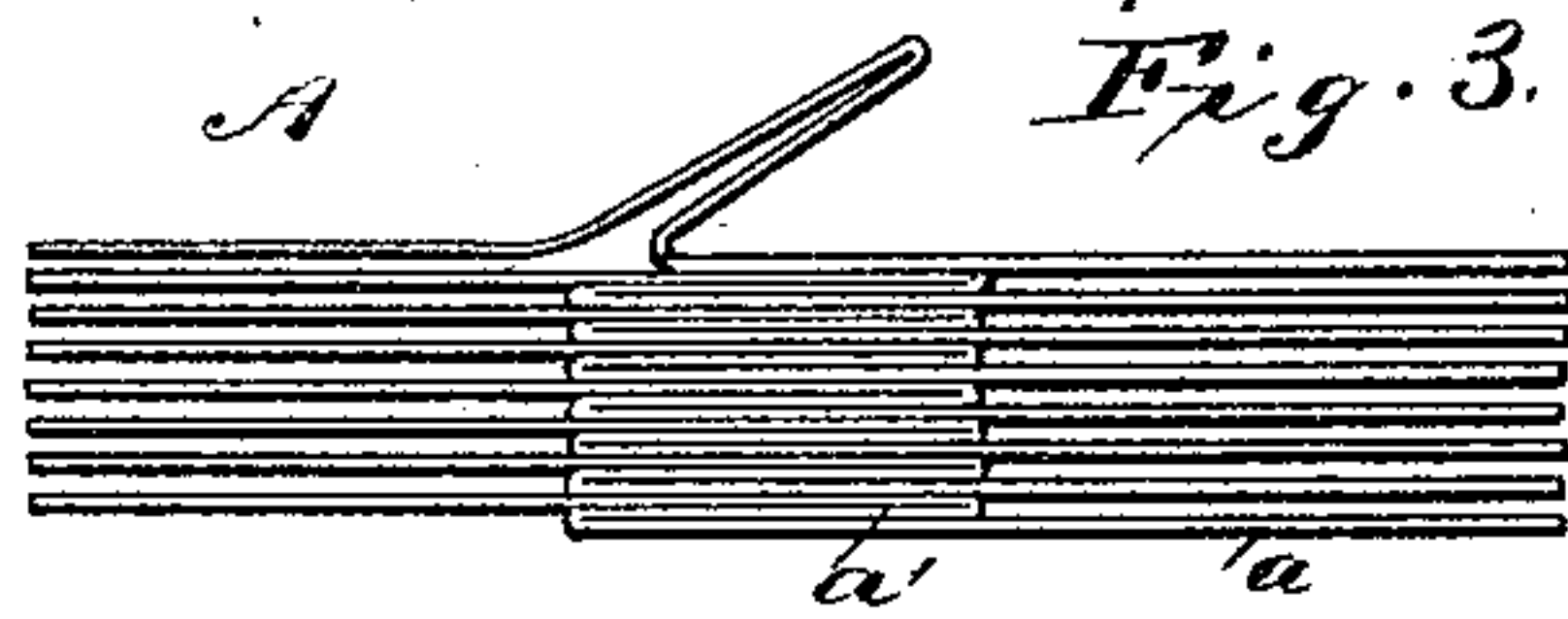
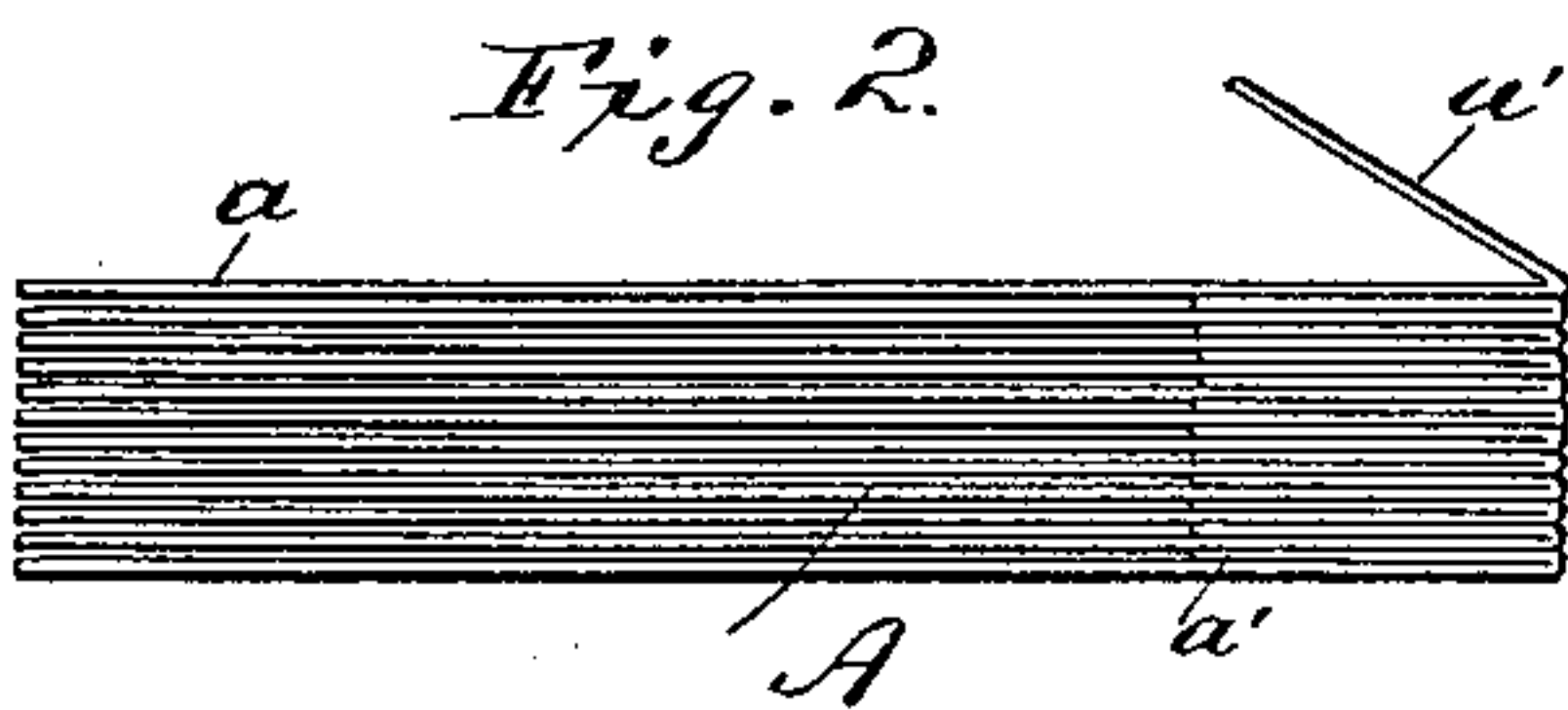
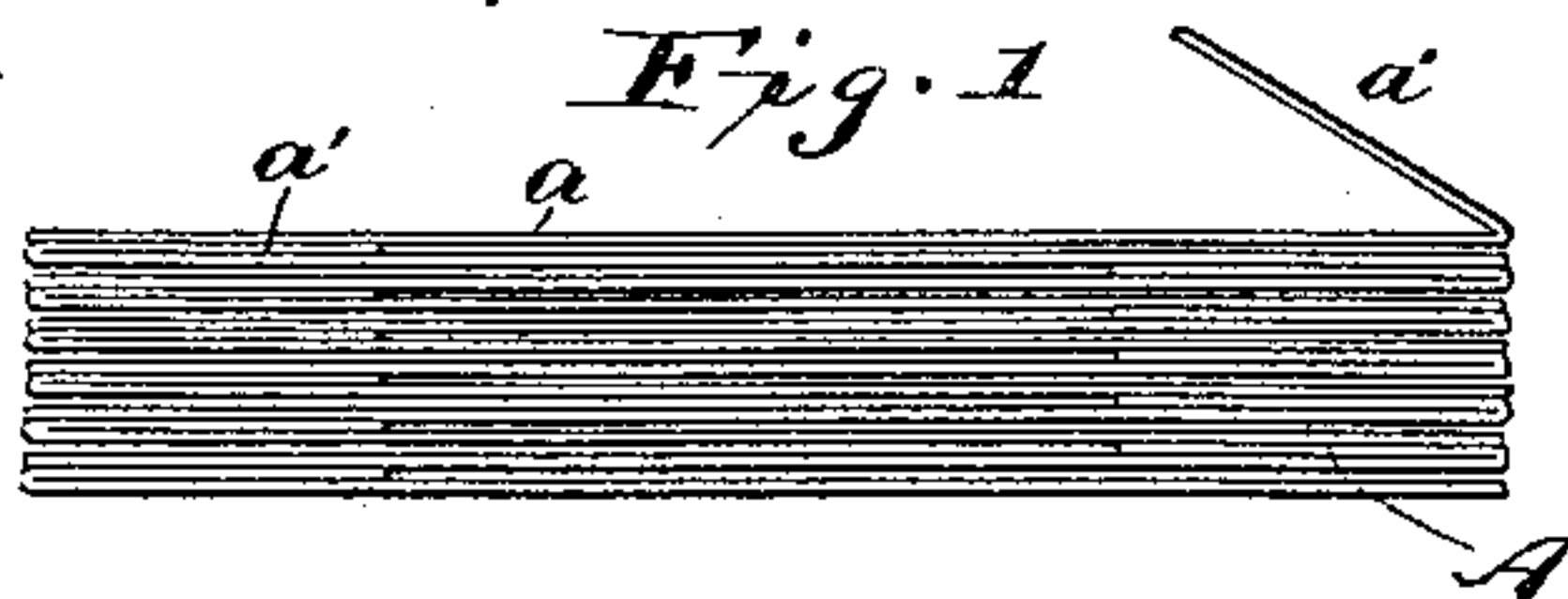


Fig. 5.

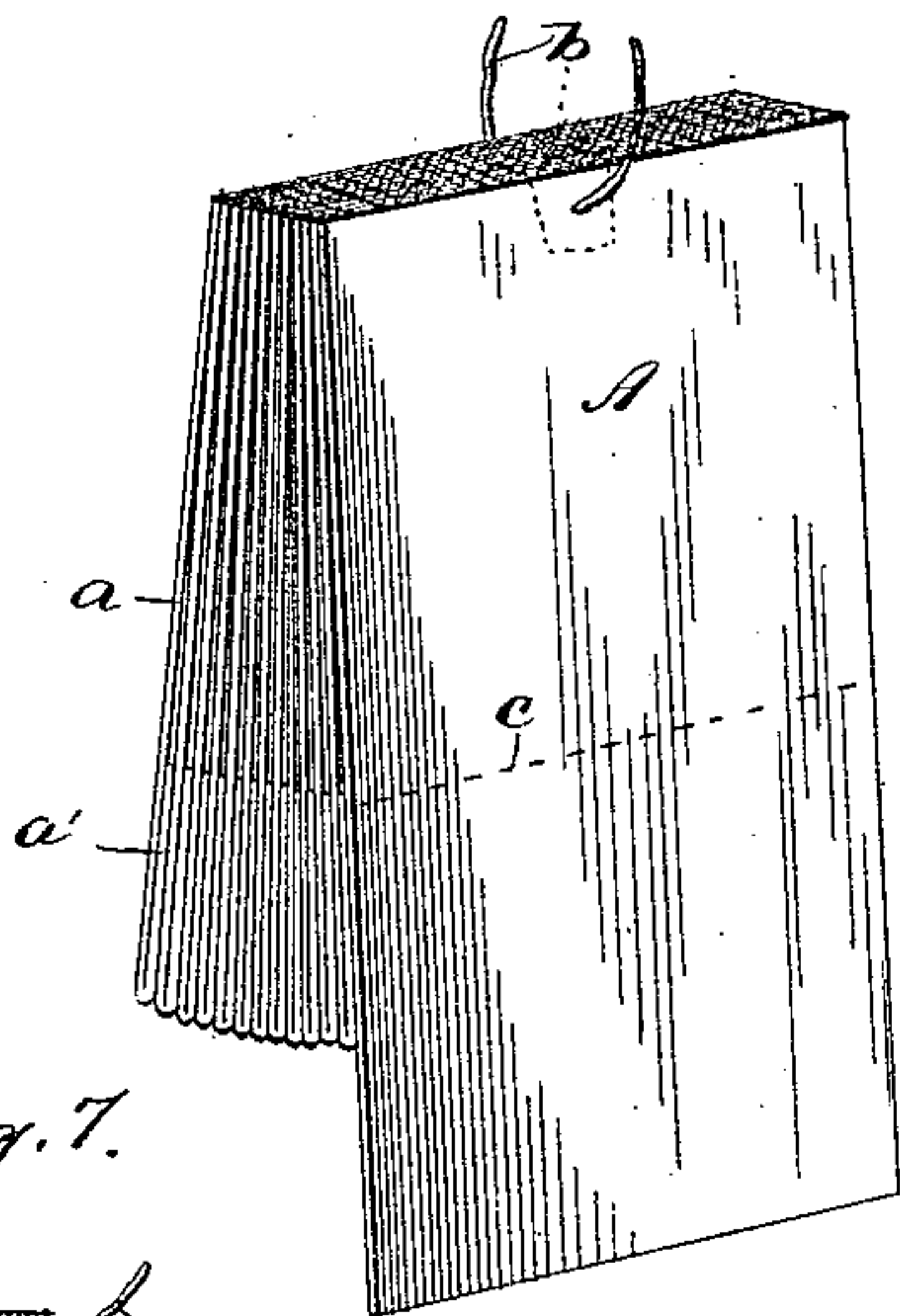


Fig. 6.

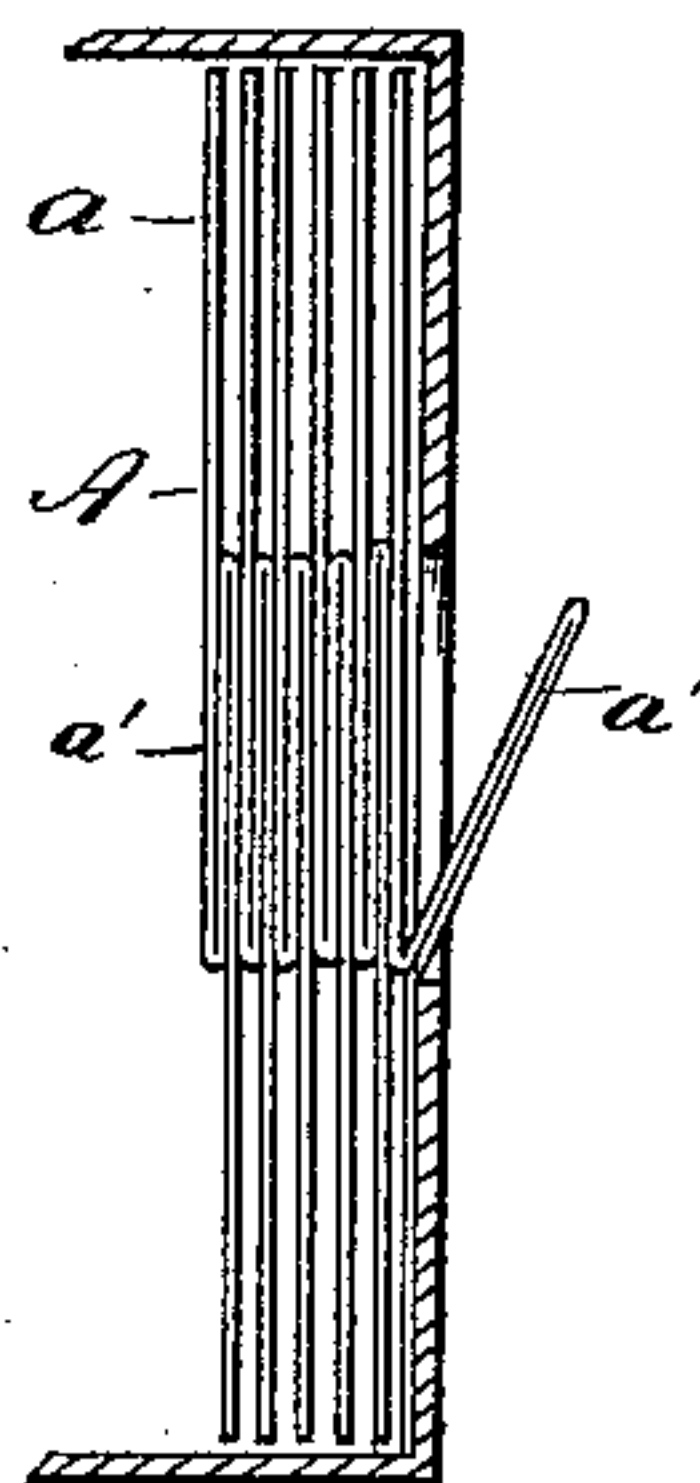


Fig. 7.

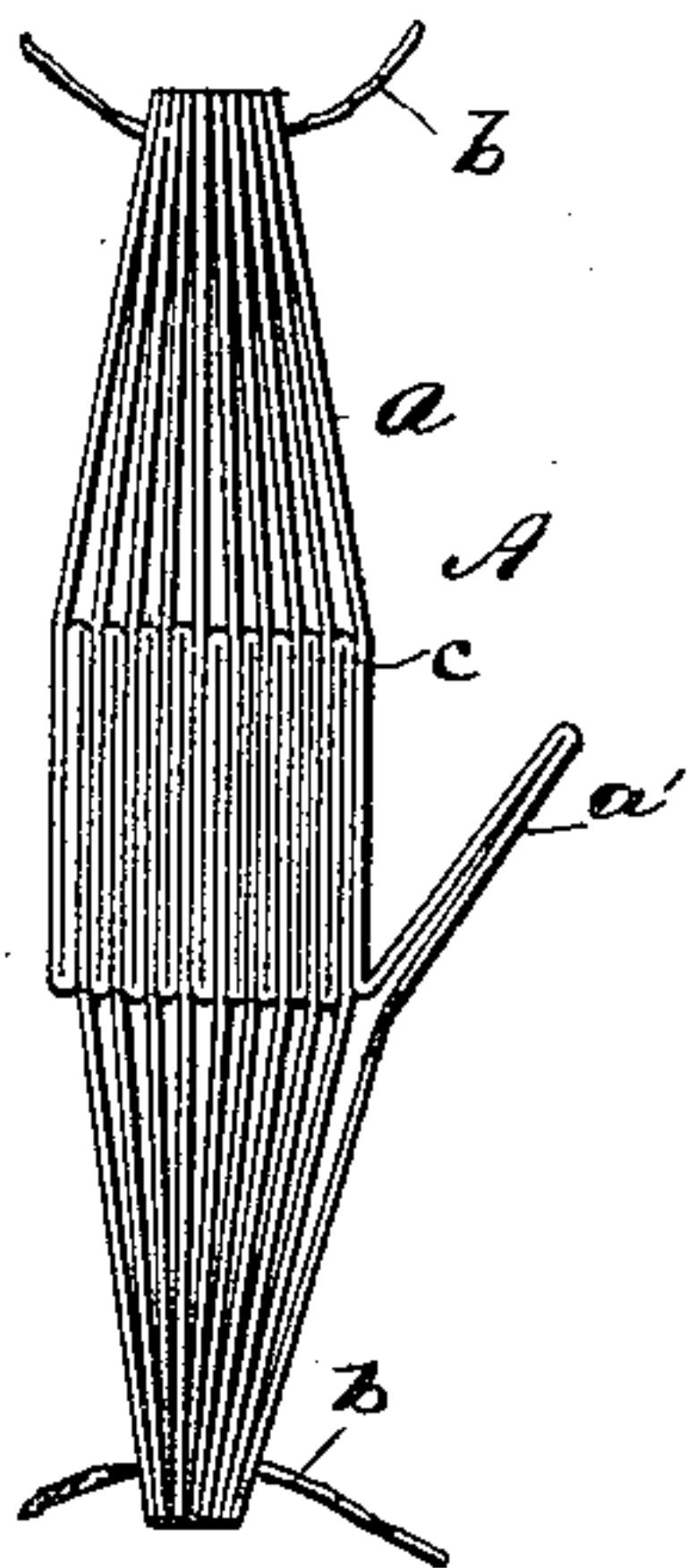


Fig. 8.

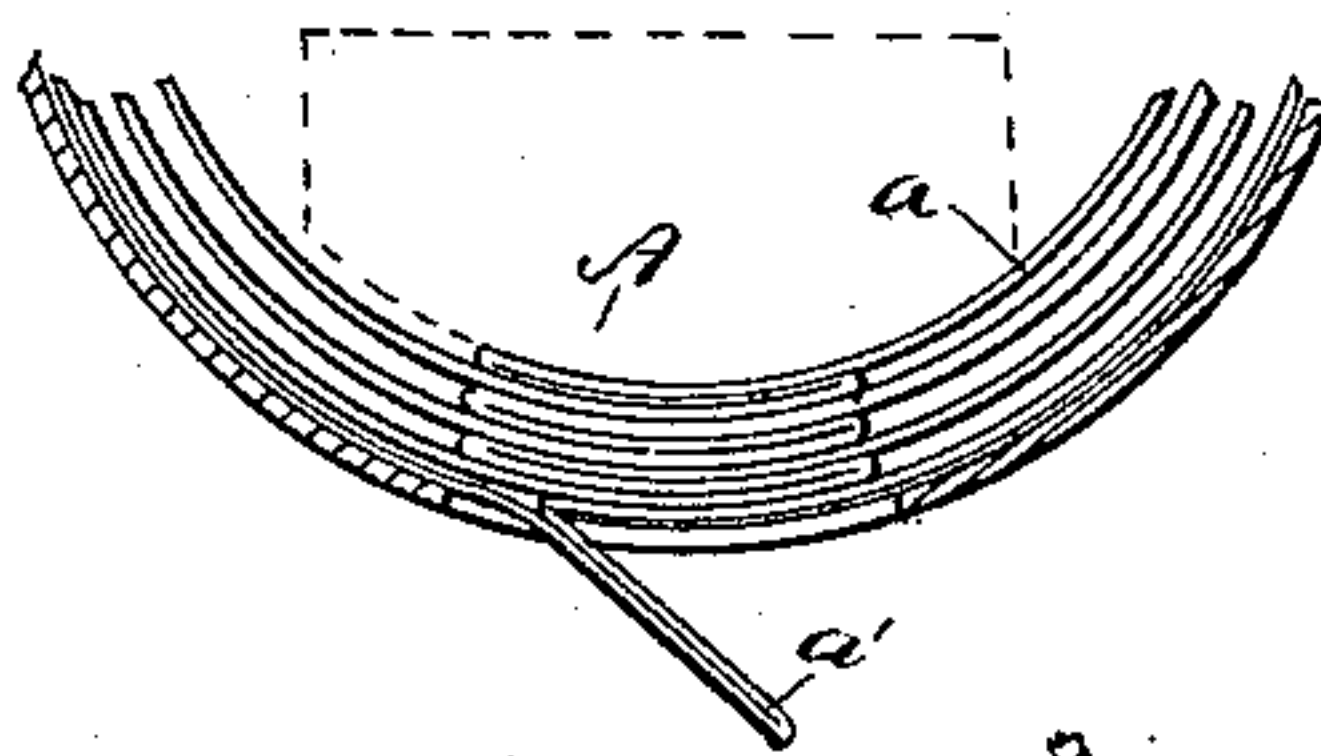
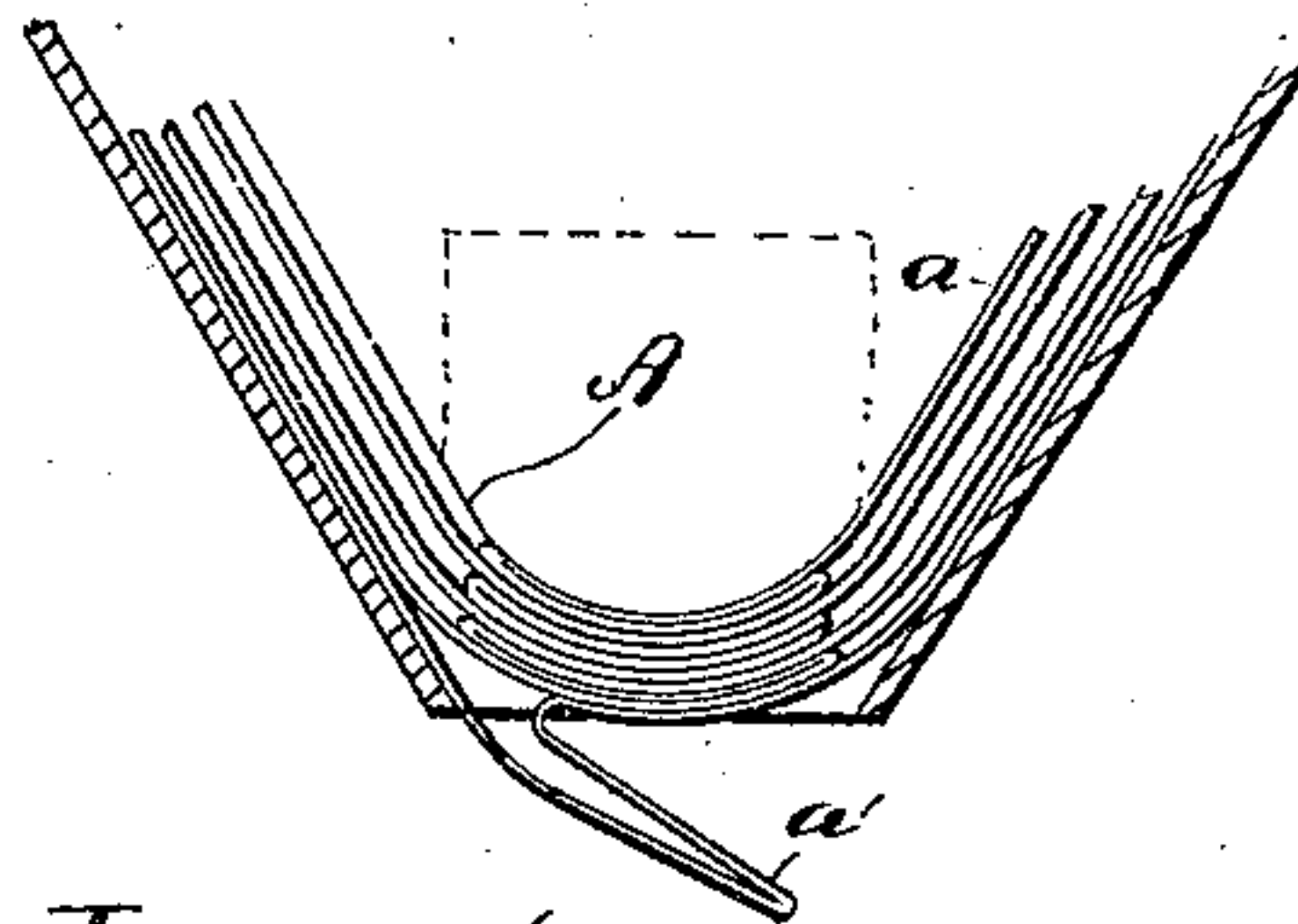


Fig. 9.



Witnesses.
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UNITED STATES PATENT OFFICE.

OLIVER H. HICKS, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE MORGAN ENVELOPE COMPANY, OF SPRINGFIELD, MASSACHUSETTS.

PACKAGE OF TOILET-PAPER.

SPECIFICATION forming part of Letters Patent No. 441,162, dated November 25, 1890.

Application filed March 27, 1886. Renewed April 28, 1890. Serial No. 349,721. (No model.)

To all whom it may concern:

Be it known that I, OLIVER H. HICKS, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful
5 Improvements in Packages of Toilet-Paper; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification,
10 and to the letters of reference marked thereon.

In the accompanying drawings, wherein I have illustrated several of the numerous obvious forms in which my invention may be applied in practice, Figure 1 represents a
15 package in which the sheets are folded at opposite ends alternately; Fig. 2, a package composed of sheets folded at the same end; Figs. 3 and 4, packages folded at points intermediate the ends. Figs. 5 and 7 illustrate
20 the manner of securing the end or ends of the sheets composing the packages when folded as shown in Figs. 1, 2, 3, and 4. Figs. 6, 8, and 9 illustrate several modes of suspending or supporting the packages when in use.

Similar letters of reference in the several figures indicate the same parts.

A represents a bundle or package composed of a series of separate sheets *a* superimposed one upon the other in the usual manner. A
30 portion of each sheet is turned or folded back upon the body of the sheet, as at *a'*, in such manner that the folded portion shall lie on the outside or face of the package. In the package shown in Fig. 1 the opposite ends of
35 alternate sheets are folded over upon the body of the package, so that said folded portion will be exposed and can readily be grasped when a sheet is to be removed, which operation uncovers and exposes the folded portion
40 of the next sheet, and so on until all the sheets are removed.

Instead of folding the sheets at opposite ends alternately, they may all be folded at the same end, (shown in Fig. 2,) or partly at one
45 end and partly at the other, and the same result, so far as the exposure of the folded portion of each by the removal of the preceding sheet is concerned, may be accomplished by forming a fold at some point intermediate the
50 ends, as shown in Figs. 3 and 4. When the sheets composing the package are thus folded

and associated together, not only is the operation of removing the sheets one at a time facilitated as a portion of each sheet is presented in a position to be easily grasped, but
55 a more compact and symmetrical package is formed, the decrease effected in the length more than compensating for the increased thickness of the package.

The packages of folded sheets may, if desired, be laid loosely in a box or case, from whence the upper or outer sheet is removed by grasping the exposed fold; or they may be secured together at one or both ends by a fastening device—such as a wire, a coating
60 of glue, or a strip pasted along the adjacent ends of the sheet—as indicated at *b*, Fig. 5. The folded portion of each sheet may also be attached to the next succeeding sheet by a separable connection—such as weak gum,
65 applied as at *c*, Fig. 5—which will operate, when the outer sheet is drawn away from the package or from the fastening device at the end, to raise or extend the folded portion and cause it to project or extend beyond the face
70 of the package.

The packages as thus constructed of folded sheets may be laid flat, suspended from either end, or doubled over a stiffening-piece, as shown in my prior patent, No. 309,717, or held
80 pressed toward a plate or the cover of a box in which a slot or opening is formed opposite the folded portion, as shown in Figs. 6, 8, and 9, so that the fold of the outer sheet will be presented or projected through said slot.

In a contemporaneous application, Serial No. 275,227, filed May 26, 1888, I have claimed a package consisting of a pile of sheets each folded on itself, with their confronting outer faces detachably united at or near their cut
85 ends and bound together, and therefore do not make claim to the same herein.

I claim as my invention—

1. A package or bundle of toilet or other paper composed of a series of separable sheets
95 folded to form overlapping projections, as described, the several sheets being fastened together at the end or ends, and with the fold of one sheet separably attached to the next preceding sheet, substantially as and for the
100 purpose described.

2. A package or bundle of toilet-paper con-

- 5 structured, substantially as described, of a series of separable sheets superimposed the one upon the other to form a bundle, each of said sheets containing a fold or folded portion extending above the body of the sheet and with the free edge of said portion located at a point intermediate and remote from the ends of the bundle or package, substantially as described.
- 10 3. A package or bundle of toilet-paper composed of a series of sheets superimposed the one upon the other, each sheet formed with an overlapping or folded portion extending above the body of the sheet and with the free edge of said portion remote from the ends of the package, the several sheets being united by a detachable fastening applied at the end of the package, substantially as described.

OLIVER H. HICKS.

Witnesses:

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