

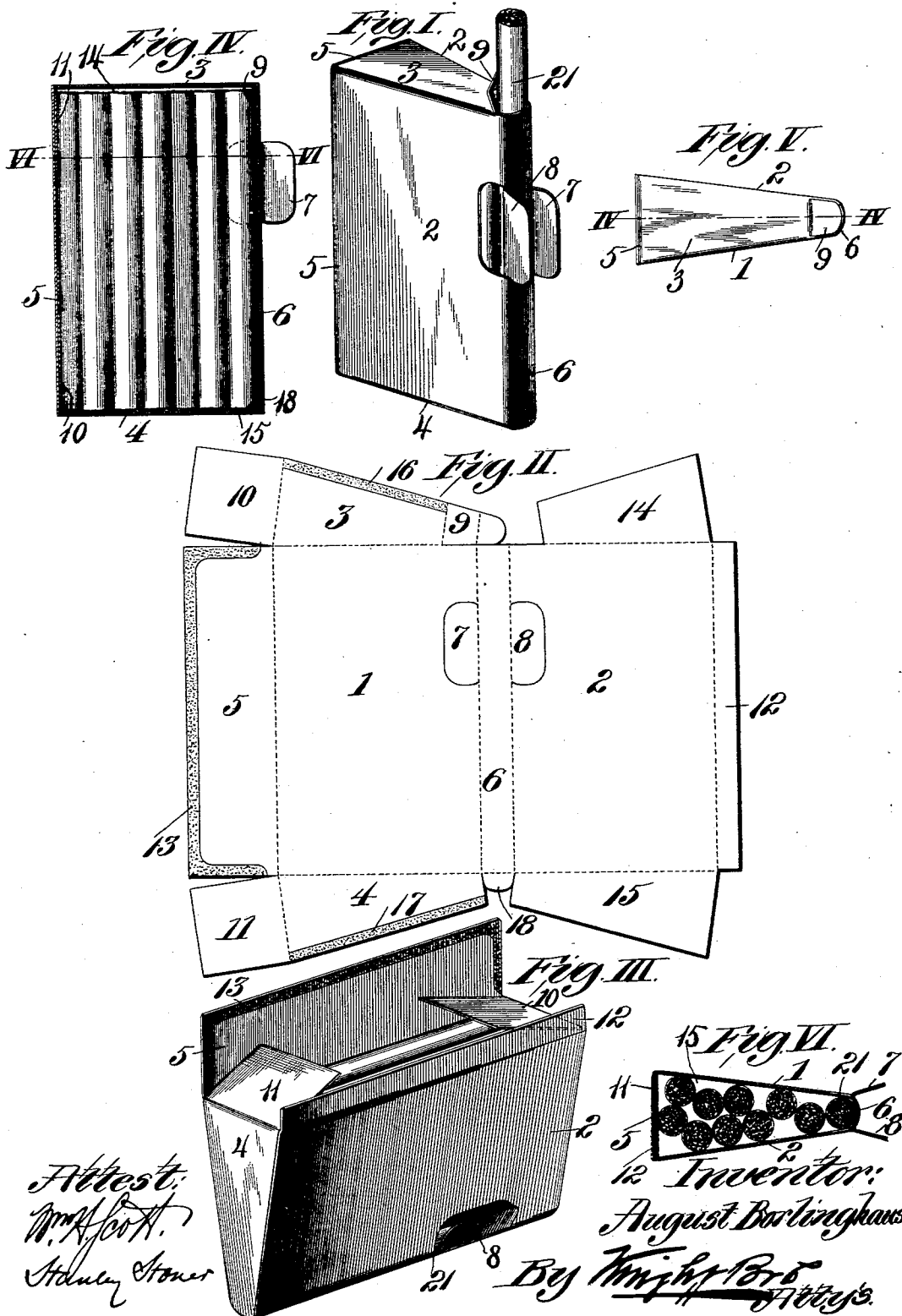
(No Model.)

2 Sheets—Sheet 1.

A. BORLINGHAUS.
BOX FOR CIGARETTES.

No. 580,080.

Patented Apr. 6, 1897.



Attest:
W. A. J. H.
Stanley Stoner

Inventor:
August Borlinghaus
By Wm. H. B. S.

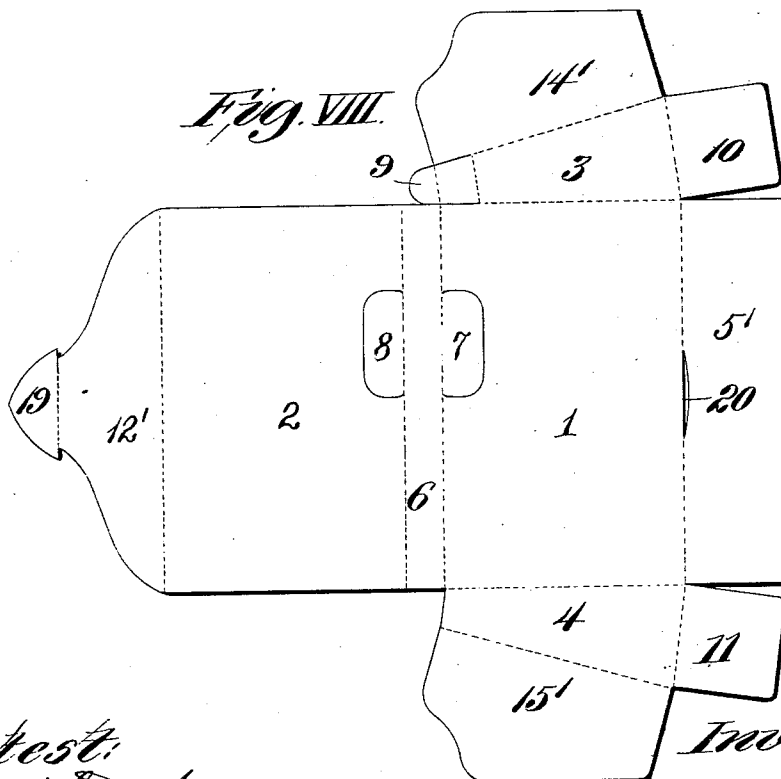
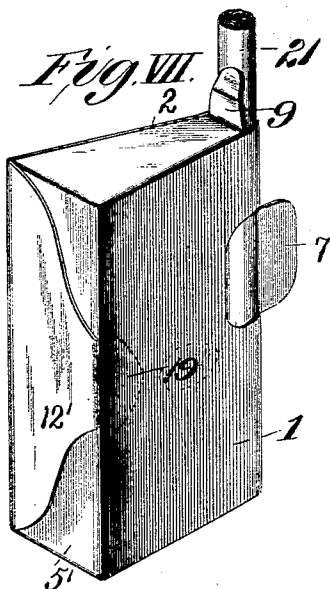
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2 Sheets—Sheet 2.

A. BORLINGHAUS.
BOX FOR CIGARETTES.

No. 580,080.

Patented Apr. 6, 1897.



Attest:
Wm. H. Cook.
Stanley Stoner.

Inventor:
August Borlinghaus.
By Wright & Bond.
Attys.

UNITED STATES PATENT OFFICE.

AUGUST BORLINGHAUS, OF ST. LOUIS, MISSOURI.

BOX FOR CIGARETTES.

SPECIFICATION forming part of Letters Patent No. 580,080, dated April 6, 1897.

Application filed March 12, 1896. Serial No. 582,841. (No model.)

To all whom it may concern:

Be it known that I, AUGUST BORLINGHAUS, a citizen of the United States, and a resident of St. Louis, in the State of Missouri, have
5 invented a certain new and useful Improvement in Boxes for Cigarettes, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this
10 specification.

The object of the improvement is to provide a simple and efficient construction for individual boxes or packages whereby a cigarette or the like may be conveniently and
15 quickly extracted therefrom and in which the contents of the package is protected until used. I attain this object by means of the construction and arrangement of parts illustrated in the accompanying drawings, in
20 which—

Figure I is a perspective view of the box, showing a cigarette partly removed therefrom. Fig. II shows a prepared blank ready to be formed into a box. Fig. III shows in
25 perspective the box filled with cigarettes preparatory to closing and sealing the same. Fig. IV is a vertical section taken along the line IV IV of Fig. V, showing the box filled with cigarettes. Fig. V is a top view of the
30 box. Fig. VI is a cross-section taken along the line VI VI of Fig. IV. Fig. VII is a perspective view of a modified construction. Fig. VIII is the blank from which said modified form is made.

As shown by the drawings, the box is made from a blank creased to predetermine the various lines upon which the box-body is folded into shape. 1 and 2 are the sides of the said box-body. 3 and 4 are the flaring ends thereof, and 5 and 6 are the edges. One of these
40 edges is wider than the other, which gives the box a hopper shape. The narrower edge 6 is approximately slightly wider than a cigarette. On either side of the edge 6, and cut from the sides 1 and 2, are two ears 7 and 8, respectively. These ears fold back, as shown in the drawings, exposing the cigarette that lies in the bottom of the hopper-shaped box. At the narrow portion of the end 3 is a tongue
50 or flap 9, covering an opening into the box, said opening being slightly larger than the

circumference of a cigarette and adapted to allow the removal of such cigarette from the box.

10, 11, and 12 are flaps upon the ends 3 and 4 and side 2, respectively, which are folded in under the wider edge 5. In my preferred construction I paste the edge of edge 5 to these flaps, said paste being placed over area 13.

14 and 15 are folds placed inside of the ends 3 and 4, and to which said ends are pasted along edges 16 and 17.

18 is an ear to fold under the end of the box opposite the opening for extracting the cigarette.

I prefer to construct the box out of the blank shown in Fig. II, pasting the portions thereof together after the box is filled with cigarettes; but instead of pasting said portions together the blank shown in Fig. VIII may be used and the box shown in Fig. VII secured in shape by means of the flap 19 on the flap 12' engaging in the slot 20 between the side 1 and the wide edge 5'. The folds 14' and 15' in the modification are formed on the flaring ends 3 and 4, respectively.

After the box is filled with cigarettes, closed, and secured as described a cigarette is extracted therefrom as follows: The ears 7 and 8 are opened, as shown in the perspective views, and the flap 9, covering the opening in the narrow end of the box, is removed. With the thumb and forefinger enough purchase is obtained on the sides of the cigarette 21 through the openings made by the ears 7 and 8 in the sides of the box to push the same therefrom. The cigarette extracted is taken, it will be readily seen, from the bottom of the hopper, which, after its removal, will be immediately replaced by another cigarette when the box is held with the narrow edge downward.

The box I have shown is adapted for ten cigarettes, but it is evident that it may be made to receive any desired number, and while I have described the box as adapted for cigarettes I do not limit myself to this use, as it may be used for many other purposes.

I claim as my invention—

1. A box-blank comprising the narrow edge, the rear side having a cut portion adjacent to the narrow edge providing an ear, the wide

edge formed on the rear side, a flaring end having a flap and formed on the rear side, the flaring end having a flap and a tongue and formed on the rear side, the front side having a cut portion adjacent to the narrow edge providing an ear, the flap formed on the front side, and the flaring-end folds; substantially as described.

2. A box-blank comprising the narrow edge, the rear side having a cut portion adjacent to the narrow edge providing an ear, the wide edge formed on the rear side, a flaring end having a flap and formed on the rear side, the flaring end having a flap and a tongue and formed on the rear side, the front side having a cut portion adjacent to the narrow edge providing an ear, the flap formed on the front side, and the flaring-end folds formed on the front side and means for securing the wide edge to the edge flap; substantially as described.

3. A box comprising the two flaps 7 and 8 cut from the sides of the box, and providing two openings at the sides, and the end flap 9 covering an opening in the end of the box coincident with the end of the article exposed through the side openings; substantially as described.

4. A box having a hole in its end arranged to permit the passage therethrough of an article in said box and having finger-holes arranged in its sides with reference to said end hole to permit such article to be grasped with

the fingers and pushed endwise through said end hole, substantially as described.

5. A cigarette-box having a hole in its end arranged to permit the passage therethrough of a cigarette and having elongated finger-holes in the sides arranged with reference to said end hole, whereby a cigarette inside of the box may be grasped with the fingers and pushed endwise through said end hole, substantially as described.

6. A cigarette-box of a breadth at one of its narrower sides to contain a single cigarette, said box having a hole in its end at such side and having elongated finger-holes arranged opposite each other in the main sides immediately next to said narrow side, whereby the cigarette may be grasped with the fingers and pushed endwise through the end hole, substantially as described.

7. A cigarette-box having a hole in its end arranged to permit the passage therethrough of a cigarette and having elongated finger-holes in the sides arranged with reference to said end hole, whereby a cigarette inside of said box may be grasped with the fingers and pushed endwise through said end hole, said box having also flaps for said holes, substantially as and for the purpose set forth.

A. BORLINGHAUS.

In presence of—

N. FINLEY,
STANLEY STONER.