

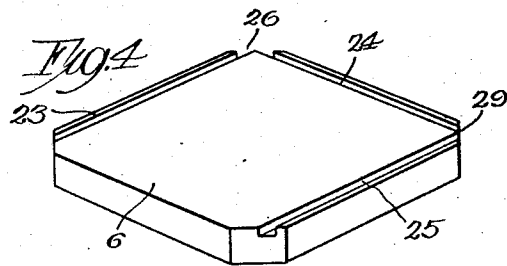
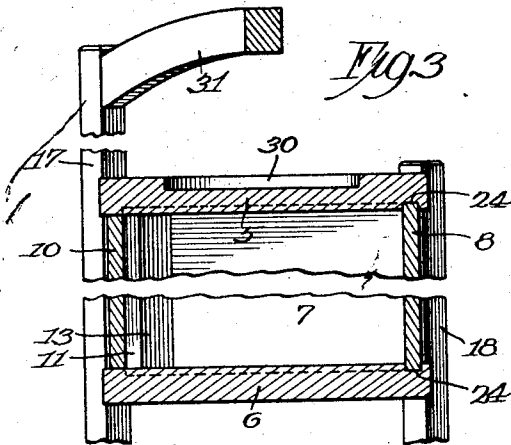
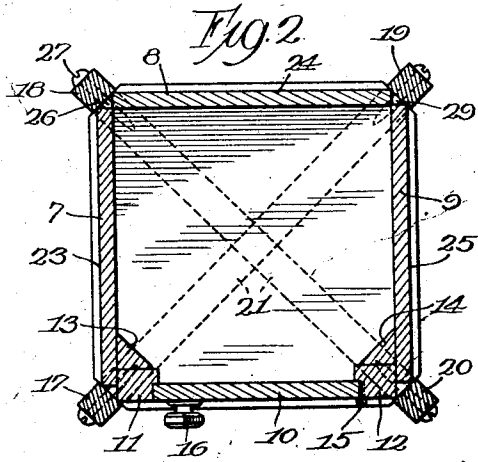
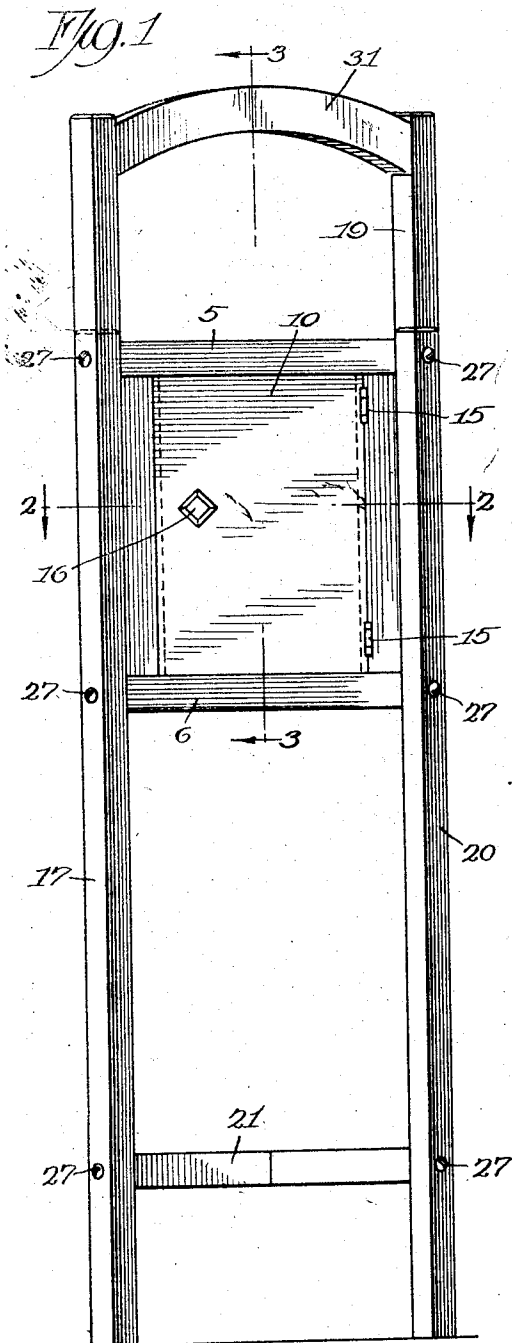
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FURNITURE CONSTRUCTION

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## UNITED STATES PATENT OFFICE.

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## FURNITURE CONSTRUCTION.

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This invention relates to improvements in furniture construction and more particularly to an improved and simplified construction for a smoking cabinet or stand.

5 The object of the invention is to provide a structure which will not require any great degree of accuracy, and whereby the parts may be quickly and easily assembled. Another object is to provide such an article 10 which will have the above characteristics and yet will be rigid and of attractive appearance.

Other objects and advantages of my invention will become apparent when reference is had to the following specification when considered in connection with the accompanying drawing, in which:

Fig. 1 is a side elevation.

20 Fig. 2 is a section on the line 2—2 of Fig. 1.

Fig. 3 is a section on the line 3—3 of Fig. 1, and

25 Fig. 4 is a perspective view of one of the members used in my improved construction.

Referring now to the drawings, my improved cabinet comprises end or top and bottom walls 5 and 6 respectively, and panels or side walls 7, 8 and 9.

30 A suitable door 10 is provided to complete the cabinet portion of the stand and may be hingedly connected in any suitable manner. In the present instance I prefer to provide door stiles 11 and 12 which are 35 secured to the side walls 7 and 9 respectively by suitable means, for example, glueing, the connection being further reinforced by means of corner blocks 13 and 14 glued to the corresponding door stile and side wall. 40 The door 10 may be hingedly connected to the door stile 12 by a suitable hinge 15, and provided with a knob or handle 16 whereby it may be opened. Any suitable means for retaining the door in closed position may 45 be used.

Suitable legs 17, 18, 19 and 20 are attached to the top and bottom walls 5 and 6 to support the cabinet portion at the desired height. I prefer to provide suitable 50 bracing structure 21 adjacent the lower ends of the legs to make the structure more rigid.

The side walls 7, 8 and 9 are held in position between the top and bottom walls 5 and 6 by having their respective top and

bottom edges disposed in grooves 23, 24 and 25 respectively in the inner face of the bottom wall and similar oppositely disposed grooves in the inner face of the top wall. The grooves 23 and 24 are arranged so that they intersect through the marginal edge of the bottom wall as shown at 26, and this is accomplished in the present instance by cutting off the corner of the bottom wall at an angle of substantially 45° to the adjacent sides. By this means the grooves intersect through the marginal edge of the bottom wall and have an open end which is common to both. To prevent removal of the sides 7 and 8 by sliding through this common open end, I utilize the leg 18 by 70 securing it in place so as to form a stop or closure over the common open end. The leg may be secured in place by any suitable means such as screws 27 passing there-through and into the cut-away corners of the top and bottom walls 5 and 6. 75

The grooves 24 and 25 are similarly arranged so as to have a common opening as indicated at 29, which is closed by means of the leg 19. The ends of the grooves 23 and 25 at the front side of the stand are open to similarly cut corners and are closed by means of the legs 17 and 20 respectively. 80

In Fig. 4, I have illustrated the base of the cabinet portion of my stand wherein the arrangement of the grooves is more clearly shown. 85

I prefer to provide a recess 30 in the top 5 of the stand to receive a suitable ash tray and a handle 31 is provided by extending diagonally opposite legs such as 17 and 19, a short distance above the top between which the handle may conveniently be secured. 90

I have thus provided a structure, the parts of which can be manufactured with great rapidity and with the use of comparatively simple tools. The assembling of the parts into the finished article is easily accomplished since close fitting of the parts is not required and the method of fastening together is simple and easily applied. For these reasons the smoking stand structure described adapts itself to quantity production and low manufacturing cost. 100

I am aware that changes may be made in the embodiment of my invention which has thus been described, without departing from the essence of the invention and I 105

reserve the right to make all such changes as fall within the scope of the following claims.

I claim as my invention:

- 5 1. In a cabinet structure, a polygonal member having a cut-away corner, there being grooves in said polygonal member near edges thereof, said grooves opening through said cut-away corner, panel members dis-  
10 posed in said grooves, and a panel retaining member disposed against said cut-away corner to retain said panel members in said grooves.
- 15 2. A cabinet comprising polygonal top and bottom members having their corners cut-away, there being grooves in the inner faces of said polygonal members near the edges thereof, said grooves opening through

the cut-away corners, panel members having their top and bottom edges disposed in the grooves of the polygonal members, panel retaining members disposed against said cut-away corners to retain said panel members in said grooves, and fastenings securing said panel retaining members to the cut-away  
25 corners of the polygonal members.

3. In a cabinet structure, a polygonal member having a cut-away corner, there being grooves in said polygonal member near edges thereof, said grooves intersecting  
30 at said cut-away corners, panel members disposed in said grooves, and a panel retaining member disposed against said cut-away corner to retain said panel members in said grooves.

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