

June 16, 1953

G. M. REGNIER
TELEVISION CABINET BACK

2,642,566

Filed May 8, 1952

2 Sheets-Sheet 1

FIG. 1

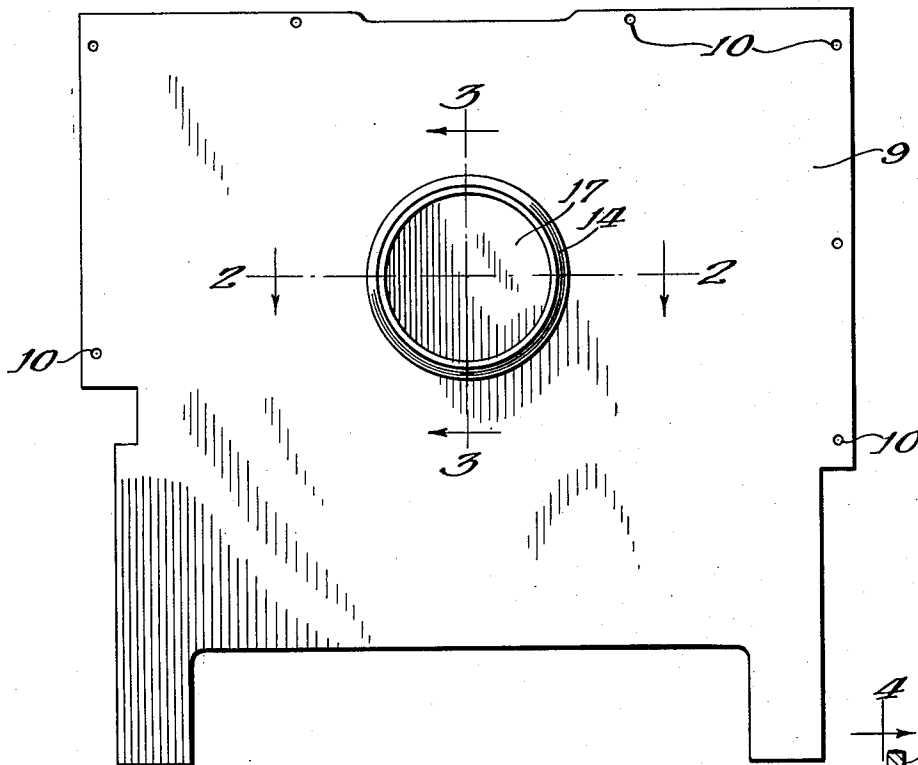


FIG. 2

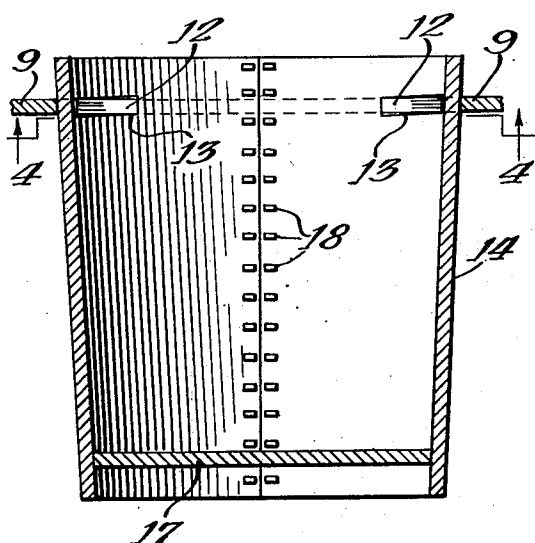
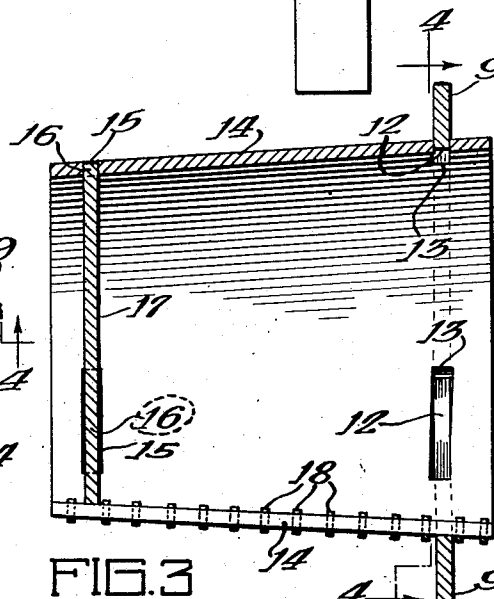


FIG. 3

INVENTOR.

Gerard M. Regnier

BY

Schroeder, Merriam
Hoffman & Brady
Attorneys

June 16, 1953

G. M. REGNIER
TELEVISION CABINET BACK

2,642,566

Filed May 8, 1952

2 Sheets-Sheet 2

FIG. 4

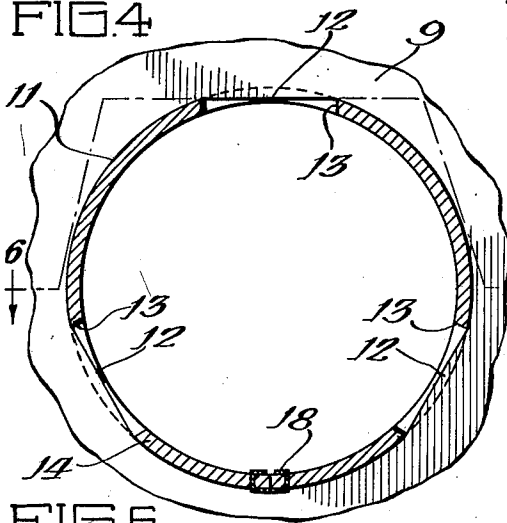


FIG. 5

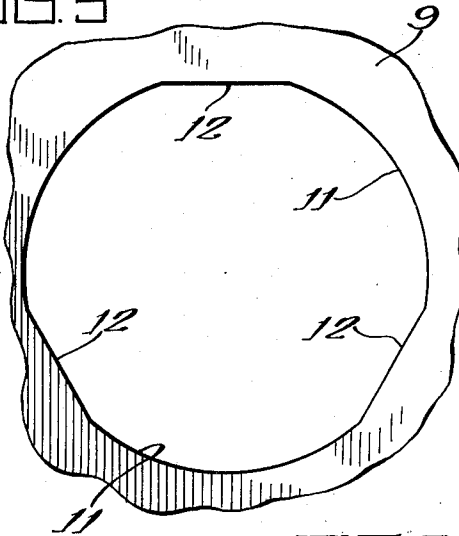


FIG. 6

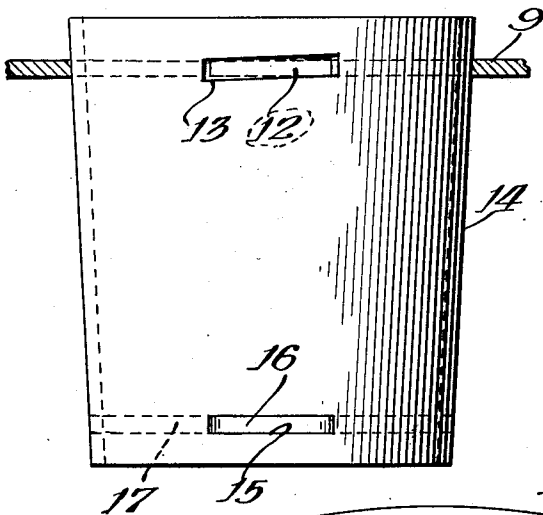


FIG. 7

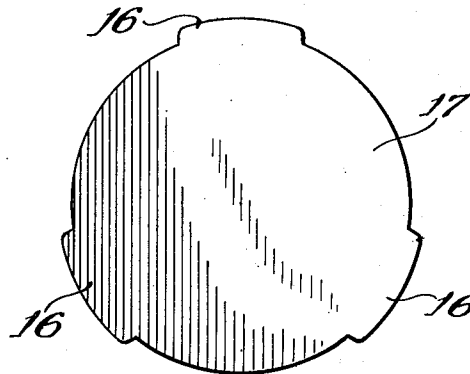
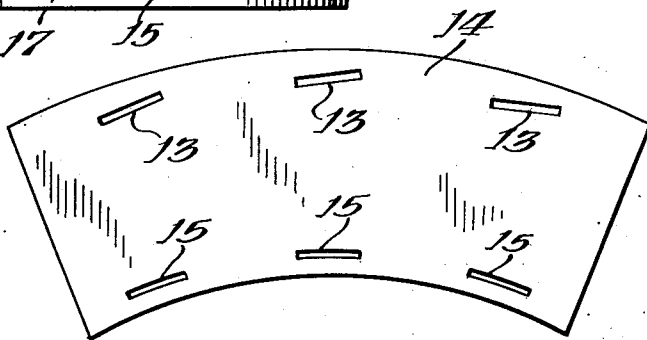


FIG. 8

INVENTOR.
Gerard M. Regnier
BY
*Schradew, Merriam,
Higgin & Brady*
Attorneys

UNITED STATES PATENT OFFICE

2,642,566

TELEVISION CABINET BACK

Gerard M. Regnier, Chicago, Ill., assignor to
Capital Industrial Fabricators, Inc., a corpora-
tion of Illinois

Application May 8, 1952, Serial No. 286,838

4 Claims. (Cl. 340—367)

1

This invention relates to a back member for a television set cabinet, and more particularly to a cup-shaped cover member adapted to enclose and protect the rear of a television set tube which extends rearwardly through the panel.

The primary object of the invention is to provide a cup-shaped cover member having a tapered sidewall which may be thrust rearwardly into the opening in the back panel and be interlocked firmly with the panel without requiring any other fastening means but will have great strength.

A further object of the invention is to provide a cover member of yielding insulating material whose tapered sidewall is curled about an end disc with the ends of the sheet secured together in an abutting relation.

Heretofore cup-shaped cover members have been provided on the back panels of cabinets but were made of metal and had a flange portion which had to be riveted or otherwise secured to the panel. With the present invention the tube protector may be made of electrical insulating material formed of wood pulp and commonly known as hardboard. The cover member may be made of the same material as the panel and a suitable material is sold commercially under the trade-mark "Masonite."

The invention illustrated is the preferred embodiment in the accompanying drawings in which—

Fig. 1 is a rear elevational view of a back panel provided with the novel cover member; Fig. 2 a fragmentary sectional view taken as indicated at line 2—2 of Fig. 1; Fig. 3 a fragmentary sectional view taken as indicated at line 3—3 of Fig. 1; Fig. 4 a fragmentary sectional view taken as indicated at line 4—4 of Fig. 3; Fig. 5 a fragmentary view of the opening in the back panel before the cover member has been installed; Fig. 6 a transverse sectional view taken as indicated at line 6—6 of Fig. 4; Fig. 7 an elevational view of the cover disc; and Fig. 8 a plan view of the developed sheet before it has been curled about the end disc and its ends secured to form a tapered sleeve.

In the embodiment illustrated the back panel of hardboard 9 is shaped to fit on the back of a cabinet and has screw holes 10 for fastening devices which normally hold it in position on the cabinet. As best shown in Fig. 5, the panel has an opening 11 which is substantially circular but preferably has three chord portions 12 which will interlock notches 13 in the sidewall 14 of the cup-shaped cover member.

As best shown in Fig. 8, the sidewall 14 is formed from a developed sheet of hardboard which also has three notches 15 at its rear end to receive detents 16 of a disc member 17 made of similar material. After the sheet has been cut to the proper shape it may be soaked with water or steamed to facilitate curling it about the

2

disc 17. The abutting ends may then be fastened together by staples as indicated at 18 and after the material has dried it will take a permanent set in the form of a tapered pail. To attach the cover member to the panel it is merely necessary to insert the small end of the cover member through the opening 11, with the chords 12 in alignment with the notches 13, and force cover member rearwardly until the chords snap into the notches 13. This provides an interlocking connection of great strength that will protect the enclosed rear end of the television tube against considerable rough handling.

As best shown in Figs. 3 and 8, it is preferred to have the notches 13 inclined about five degrees from a transverse perpendicular plane so that panels with slight variations in thickness may be gripped securely.

The foregoing detailed description is given for clearness only and no unnecessary limitations should be understood therefrom, for some modifications will be obvious to those skilled in the art.

I claim:

1. A television cabinet back, comprising: A back panel for a cabinet, said panel having an opening through which a tube may project rearwardly; and a cup-shaped cover member of yielding insulating material having a tapered sidewall adapted to be thrust rearwardly partially through said opening, said side wall having notches near its front end adapted to be engaged by marginal portions of the panel about the opening to secure said cover member firmly to said panel by interlocking engagement.

2. A structure as specified in claim 1, in which the opening in the panel is substantially circular with chord portions adapted to snap into the sidewall notches.

3. A structure as specified in claim 1, in which the rear end of the cover member is closed with a disc having detents fitting into notches in the rear portion of the sidewall, said sidewall being a sheet curled about said disc with the ends of said sheet secured together in abutting relation.

4. A structure as specified in claim 1, in which the notches at the front of the sidewall of the cover member are inclined a few degrees from a transverse perpendicular plane.

GERARD M. REGNIER.

References Cited in the file of this patent
UNITED STATES PATENTS

Number	Name	Date
1,997,777	Joyce	Apr. 16, 1935

FOREIGN PATENTS

Number	Country	Date
497,626	Great Britain	Dec. 22, 1938
616,555	Great Britain	Jan. 24, 1949