May 8, 1928. 1,669,185

J. W. BEIGER

CABINET

Filed April 5, 1927

Fig. 1

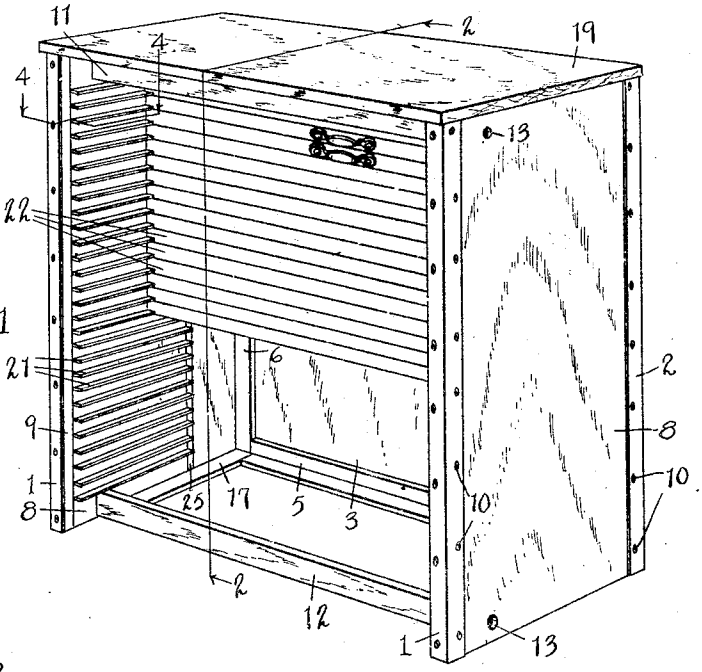
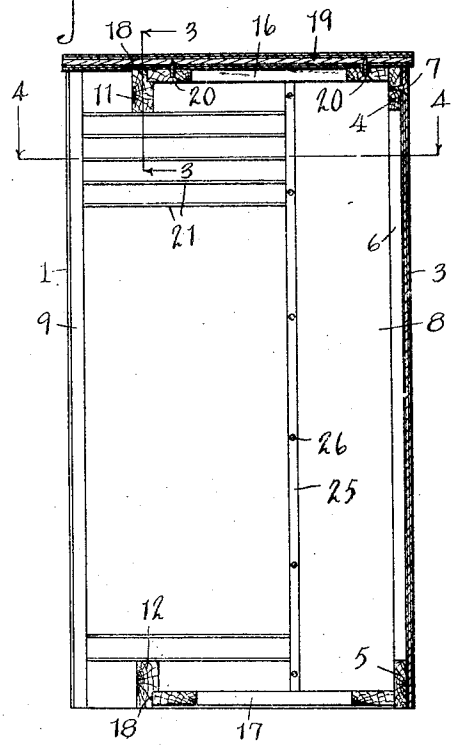


Fig. 2



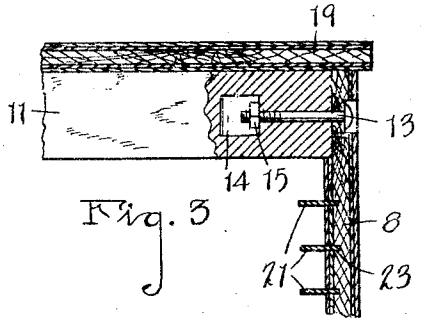


Fig. 3

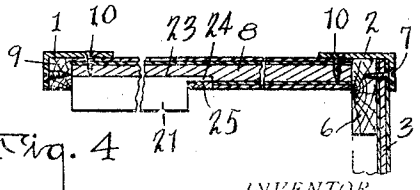


Fig. 4

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UNITED STATES PATENT OFFICE.

JOHN W. BEIGER, OF LUDINGTON, MICHIGAN, ASSIGNOR TO HAMILTON MANUFACTURING COMPANY, OF TWO RIVERS, WISCONSIN.

CABINET.

Application filed April 5, 1927. Serial No. 181,025.

The main object of this invention is to provide a cabinet such as are employed by printers and for similar purposes in which the walls are made of veneer or light panels which are strong and rigid and at the same time economical in structure.

Objects pertaining to details and economies of my invention will definitely appear from the detailed description to follow. The invention is defined in the claims.

A structure embodying the features of my invention is clearly illustrated in the accompanying drawing forming a part of this application, in which:

Fig. 1 is a front perspective view of a cabinet embodying the features of my invention.

Fig. 2 is a vertical section on a line corresponding to line 2—2 of Fig. 1.

Fig. 3 is a detail longitudinal section on line 3—3 of Fig. 2.

Fig. 4 is a detail horizontal section on line 4—4 of Figs. 1 and 2.

My improved cabinet comprises angle iron front and rear corner uprights 1 and 2 disposed with their angles facing inwardly. The rear panel 3 is disposed within the angles of the rear corner uprights.

A rectangular rear frame comprising a top member 4, a bottom member 5 and uprights 6 is disposed on the inner side of the rear panel 3. The rear panel is clamped between this frame and corner uprights by means of screws 7. The end panels 8 are arranged within the corner uprights with their rear edges abutting the rear frame and their front edges abutting the fillers 9 arranged in the angles of the front uprights. Screws 10 secure these panels to the corner uprights.

Top and bottom cross pieces 11 and 12 are arranged to extend between the end panels with their ends in abutting relation thereto and clamped in position by means of the bolts 13. These cross members have recesses 14 formed therein to receive the nuts 15.

Rectangular top and bottom frames designated generally by the numerals 16 and 17 are arranged with their rear members abutting the rear frame and their front members set into rabbets 18 formed in the top and bottom cross pieces 11 and 12. The top panel 19 rests upon the top frame and upon the upper edges of the top cross member 11 and the top member 4 of the rear frame, the same being suitably secured as by the screws 20.

I provide a series of thin slides 21 for the shallow drawers 22 which are in the form of thin plates of metal set into kerfs 23 formed in the inner sides of the end panels. The front ends of these slides are overlapped by the filler pieces 9 and the rearwardly extending tongues 24 of the slides are engaged by retaining strips 25 secured by means of screws 26. These retaining strips are set into the panels so as to not obstruct the drawers.

My improved cabinets embodying the features of this invention are simple and economical in structure and at the same time are very strong and rigid. The panels may be made of light material and are so supported that they are not likely to be broken in use.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. In a cabinet, the combination of front and rear angle iron corner uprights disposed with their angles facing inwardly, a rear panel disposed in the angles of the rear corner uprights, a rectangular rear frame disposed within the rear corner uprights on the inner side of the rear panel, end panels disposed within and secured to the front and rear corner uprights with their rear edges abutting said rear frame, top and bottom cross members disposed with their end abutting and secured to said end panels in spaced relation to the front corner uprights, rectangular top and bottom frames disposed with their rear members in abutting relation to the top and bottom members of said rear frame and with their front members rabbeted into said top and bottom cross members, a top panel disposed upon and secured to said top frame, and upright filler members arranged in the angles of the front corner uprights.

2. In a cabinet, the combination of front and rear angle iron corner uprights disposed with their angles facing inwardly, a rear panel disposed in the angles of the rear corner uprights, a rear frame disposed within the corner uprights on the inner side of said rear panel, end panels disposed within and secured to the front and rear corner uprights with their rear edges abutting said rear frame, top and bottom cross members

disposed with their ends abutting and secured to said end panels in spaced relation to the front corner uprights, rectangular top and bottom frames disposed with their rear members in abutting relation to the top and bottom members of said rear frame and with their front members rabbeted into said top and bottom cross members, and a top panel disposed upon and secured to said top frame.

3. In a cabinet, the combination of front and rear angle iron corner uprights disposed with their angles facing inwardly, a rear panel disposed in the angles of the rear corner uprights, a rectangular rear frame disposed within the rear corner uprights on the inner side of the rear panel, end panels disposed within and secured to the front and rear corner uprights with their rear edges abutting said rear frame, top and bottom cross members disposed with their ends abutting and secured to said end panels in spaced relation to the front corner uprights, rectangular top and bottom frames disposed with their rear members in abutting relation to the top and bottom members of said rear frame and said top and bottom cross members, a top panel disposed upon said top frame, and upright filler members arranged in the angles of the front corner uprights.

4. In a cabinet, the combination of front and rear angle iron corner uprights disposed with their angles facing inwardly, a rear panel disposed in the angles of the rear corner uprights, a rectangular rear frame disposed within the rear corner uprights on the inner side of the rear panel, end panels disposed within and secured to the front and rear corner uprights with their rear edges abutting said rear frame, top and bottom cross members disposed with their ends abutting and secured to said end panels in spaced relation to the front corner uprights, rectangular top and bottom frames disposed with their rear members in abutting relation to the top and bottom members of said rear frame and said top and bottom cross members, and a top panel disposed upon said top frame.

In witness whereof I have hereunto set my hand.

JOHN W. BEIGER.