To all whom it may concern:

Be it known that I, Brayton G. Richards, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Cabinet-Drawers and the like, of which the following is a description.

My invention relates to improvements in cabinet drawers and the like and has for its object the provision of an improved construction of this character especially adapted for use in exhibiting samples of the contents thereof.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which—

Figure 1 is a perspective view of the forward end of a drawer embodying my invention, Fig. 2, an enlarged front elevation of the drawer with portions broken away and others shown in section, Fig. 3, an end view of a sample board employed in the construction, Fig. 4, a perspective view of an eccentric clamping lever employed in the construction, Fig. 5, a section taken on line 5—5 of Fig. 2, Fig. 6, a view similar to Fig. 2, but showing a modified form of construction, Fig. 7, an end view of the sample board shown in Fig. 6, Fig. 8, a perspective view of an eccentric clamping lever employed in the construction shown in Fig. 6, and Fig. 9, a perspective view of a T-block employed in the construction.

The preferred form of construction as illustrated in Figs. 1 to 5 inclusive, comprises an ordinary cabinet drawer 10 having a glass front 11. A sample board 12 is adjustable in said drawer and is provided with vertical grooves 13 in the ends thereof. The rear wall 14 of each of the grooves 13 slidably engages a notch 15 formed in a T-block 16 slideable in a horizontal T-groove 17 formed in the corresponding side of drawer 10. By this arrangement it will be observed that the sample board may be readily adjusted to any desired position in the drawer. Arranged in each of the grooves 13 are two eccentric clamping cams 18, said cams being pivotally suspended in said grooves and having their clamping surfaces knurled and in position to contact with the corresponding side walls of drawer 10 upon slight outward swinging thereof. A strip 19 is slidably mounted on the rear wall of each of said grooves being held in position by means of nails or pins 20 extending across the grooves as indicated. Strip 19 is provided with two outwardly extending cam surfaces 21 normally resting against the lower inner ends of cam members 18 and adapted to swing said cam members outwardly upon upward movement of said slide 19 relatively to said cam members. The lower end 22 of each of the slides 19 protrudes slightly from the bottom of the sample board 12 and a stop 23 is formed on each of said slides in position to contact with the uppermost nail 20 to limit the downward movement of said slide so that the lower end thereof shall protrude but slightly. Notches 24 are provided in the rear walls 14 of grooves 13 and are of a size to pass readily over T-blocks 16 to permit removal of said sample board. By this arrangement it will be observed that all that is necessary to lock the sample board securely in adjusted position is to depress the same whereupon cam members 18 will be thrown outwardly into engagement with the corresponding walls of drawer 10 and automatically clamp the sample board in position upon further depression thereof. When it is desired to release the sample board all that is necessary is to elevate the same slightly whereupon said cam members 18 will automatically release. When it is desired to completely remove the sample board the same is elevated sufficiently to bring notches 24 in registration with blocks 18 whereupon slight forward movement of the sample board completely releases the same. By this arrangement it will be observed that both sides of the sample board are left clear for the accommodation and attachment of samples thereto and that the grooves 13 may be made quite shallow if desired so as to permit of the driving of nails or the passage of other members through almost the entire sample board.

The modified form of construction illustrated in Figs. 6, 7 and 8 operates on substantially the same principle as that here described but the clamping cams 18 are connected by a pivoted link 25 and a strut 26 depends from the lower cam 18 to effect ini-
tial engagement with the sides of the drawer. Otherwise the two constructions are identi-
cal and the operation the same.

While I have illustrated and described the
5 preferred forms of construction for carry-
ning my invention into effect, these are capa-
ble of variation and modification without
departing from the spirit of the invention.
I, therefore, do not wish to be limited to the
10 precise details of construction set forth, but
desire to avail myself of such variations and
modifications as come within the scope of the
appended claims.

Having described my invention what I
15 claim as new and desire to secure by Let-
ters Patent is:

1. In combination, a compartment; a
member extending across said compartment
and adjustable therein, the ends of said mem-
20 ber being provided with grooves; eccentric
clamping cams pivoted in said grooves and
arranged to clamp the sides of said com-
partment upon depression of said member;
and means contacting with the bottom of the
25 compartment and arranged to throw said
cam into engagement with the sides of the
compartment upon depression of said mem-
ber, substantially as described.

2. In combination, a compartment; a
member extending across said compartment
and adjustable therein, the ends of said mem-
30 ber being provided with grooves; eccentric
clamping cams pivoted in said grooves and
arranged to clamp the sides of said com-
partment upon depression of said member;
and a slide arranged at the bottom of each
35 of said grooves to project slightly from the
lower edge of said member, said slides be-
ing provided with cam members engaging
40 said clamping cams to throw them into in-
itial engagement with the sides of said com-
artment upon depression of said member,
substantially as described.

3. In combination, a compartment pro-
45 vided with T-grooves in its sides; blocks
slidable in said grooves; a member extend-
4ing across said compartment and provided
with grooves in its ends, said blocks being
50 notched to engage with the sides of said
grooves; a notch in the lower portion of a
wall of each of said grooves arranged to
permit the passage of said blocks; eccentric
clamping cams pivoted in said grooves and
arranged to clamp the sides of said com-
partment upon depression of said member;
and a slide arranged at the bottom of each
of said grooves to project slightly from the
lower edge of said member, said slides be-
ing provided with cam members engaging
said clamping cams to throw them into in-
itial engagement with the sides of said com-
partment upon depression of said member,
substantially as described.

4. In combination, a compartment; a mem-
ber extending across said compartment and
freely adjustable therein; clamping means
on said member arranged normally out of
engagement with a side of the compartment;
and means protruding from one edge of said
member arranged to throw said clamping
means into operative engagement with the
45 corresponding side of said compartment
upon contact with another side, substantially
as described.

5. In combination, a compartment; a mem-
ber extending across said compartment and
freely adjustable therein; an eccentric clamping
40 cam on said member arranged normally
out of engagement with a side of the com-
artment; and means protruding from one
edge of said member arranged to throw said
clamping cam into operative engagement
with the corresponding side of said com-
partment upon contact with another side,
substantially as described.

6. In combination, a compartment; a mem-
ber extending across said compartment and
freely adjustable therein; clamping means
on said member arranged normally out of
engagement with a side of the compartment;
and means on said member arranged to con-
tact with a side of said compartment during
final movement into adjusted positions and
throw said clamping means into operative
engagement with a side of said compart-
ment, substantially as described.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

BRAYTON G. RICHARDS.

Witnesses:

ARTHUR A. OLSON,

JOSHUA R. H. POTTS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."