(No Model.) 2 Sheets—Sheet 1.

A. GARTNER.

EXHIBITING CABINET.

No. 605,222. Patented June 7, 1898.

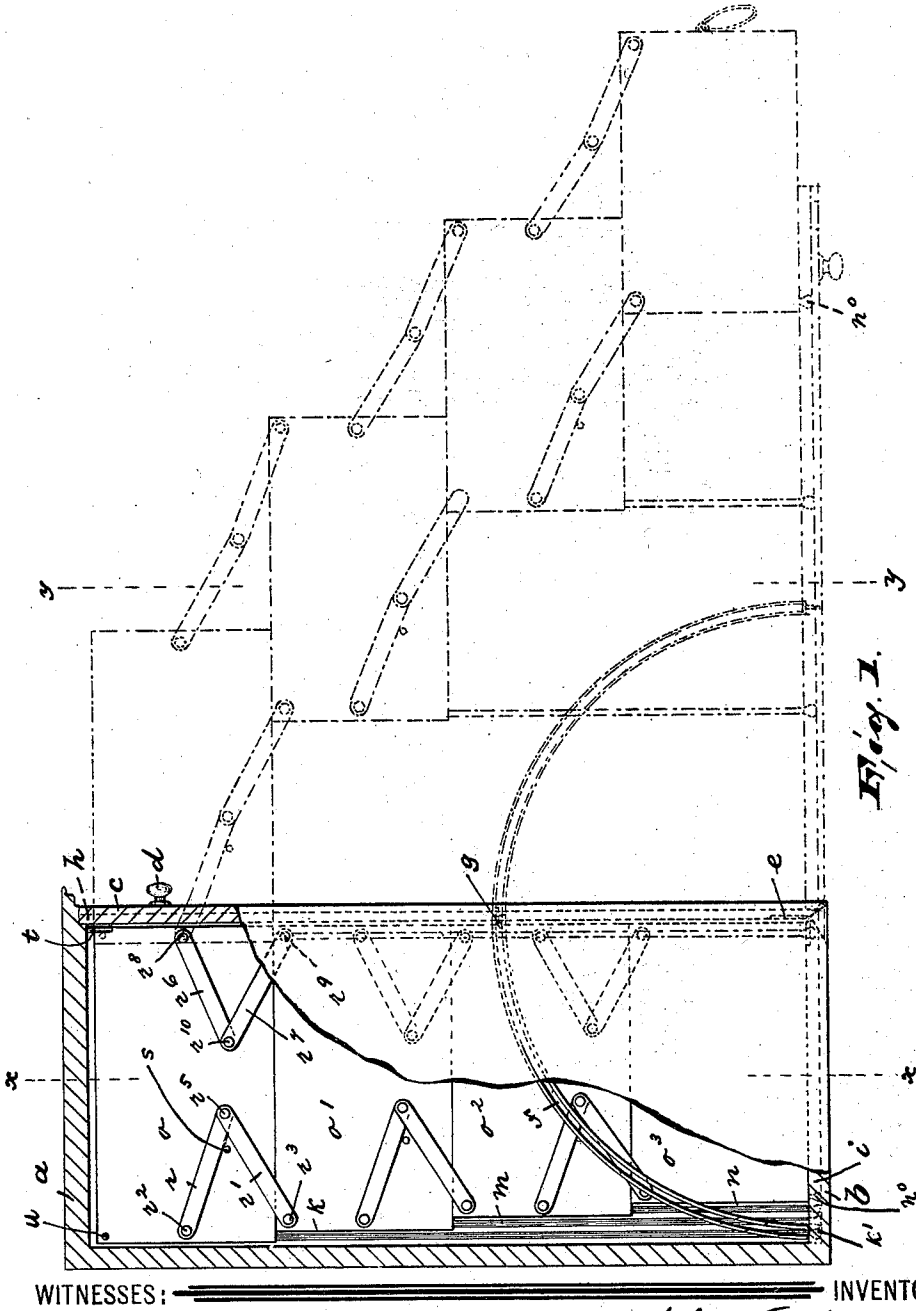


Fig. 1.

WITNESSES:
Wm. D. Bell.
J. D. Poole

INVENTOR:
Alfred Gartner
BY Gartner & Co
ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

(No Model.) 2 Sheets—Sheet 2.

A. GARTNER.

EXHIBITING CABINET.

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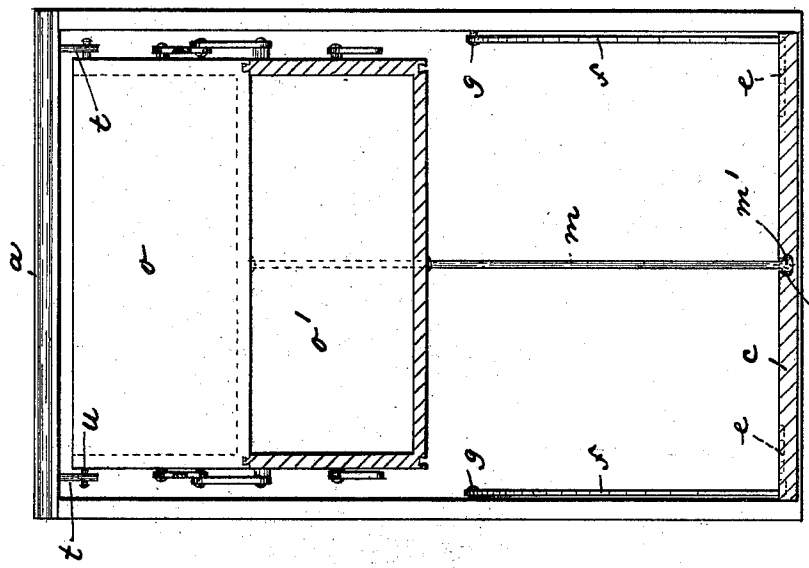


Fig. 3.

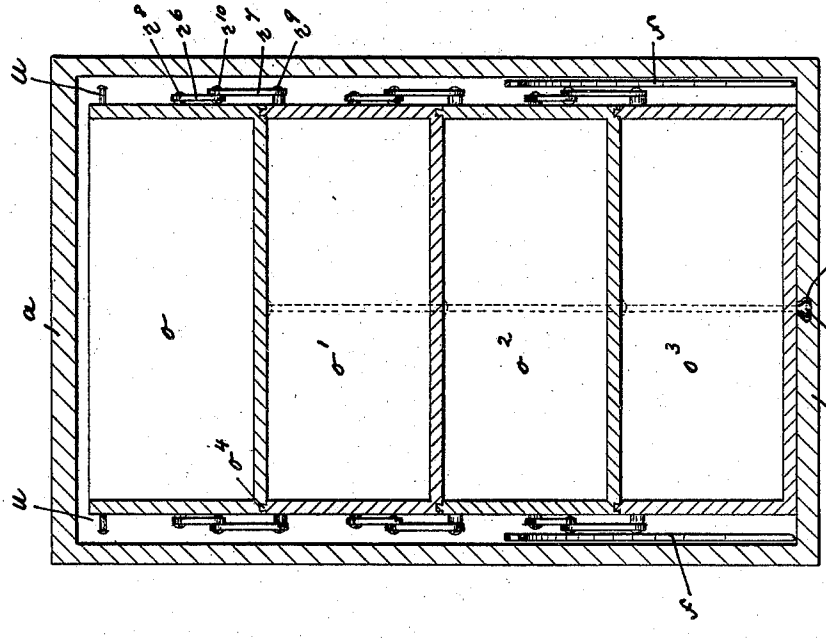


Fig. 2.

WITNESSES: INVENTOR:

Wm. D. Bell.
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Alfred Gartner

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UNITED STATES PATENT OFFICE.

ALFRED GARTNER, OF PATERSON, NEW JERSEY, ASSIGNOR TO THE INVENTOR'S NOVELTY MANUFACTURING COMPANY, OF SAME PLACE.

EXHIBITING-CABINET.

SPECIFICATION forming part of Letters Patent No. 605,222, dated June 7, 1898.

Application filed August 16, 1897. Serial No. 648,354. (No model.)

To all whom it may concern:

Be it known that I, ALFRED GARTNER, a citizen of the United States, residing in Paterson, county of Passaic, and State of New Jersey, have invented certain new and useful Improvements in Exhibiting-Cabinets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in wall-cabinets, bureaus, or other cabinet furniture for exhibiting merchandise or other articles, and which cabinet furniture is provided with a series of drawers.

The object of my present invention is to provide a cabinet article of the character above referred to with a series of drawers which can be opened simultaneously by operating one of said drawers, thus exhibiting the articles contained in all of said drawers at one and the same time, of simple, strong, and durable construction, reliable in operation, and easily handled.

The invention consists in the improved cabinet article combining a series of separate trays or drawers, in the means for connecting and supporting said trays or drawers, and in the combination and arrangements of the various parts thereof, substantially as will be hereinafter more fully described, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several views, Figure 1 is a side elevation of a drawer-cabinet provided with my improvements, certain portions of the cabinet being broken away to better illustrate the nature of my said invention, said Fig. 1 also illustrating in dotted lines the position of the door and drawers when opened; Fig. 2, a sectional view on the lines $x\,x$ of Fig. 1, and Fig. 3 a sectional view of the lines $y\,y$ of Fig. 1.

In said drawings, a represents a cabinet, b its bottom, and c the front or door thereof, which latter is provided with a suitable knob or handle d and is hinged, as at e, to the front portion of the bottom b. At or near the front portion of each side of said cabinet is an inwardly-projecting stud g, engaging its respective radial slot in the metallic arc-shaped link f, the front portion of which is secured to the hinged door c, while its rear portion is adapted to limit the downward movement of said hinged door when the latter is being opened.

Within the cabinet are arranged, one above the other, a series of trays or drawers $o\,o'\,o^2\,o^3$, each of which, except the bottom one, is provided with downwardly-extending legs or braces k, m, and n, respectively, having their lower ends enlarged, as at k', m', and n', which enlargements are arranged in a horizontal groove i, situated in the bottom b of the cabinet and communicating and in alinement with a groove h, arranged in the hinged front or door c.

The top drawer o is provided at each side and at or near its rear upper portion with a horizontal pin u, adapted to engage a downwardly-extending pin t, projecting from the top of said cabinet and adapted to limit the outward movement of said drawer o. The side portions of adjoining drawers are connected together by links in the following manner: A link r is pivotally secured, as at r^2, to the rear central portion of the side of the drawer o, its free end being pivotally connected, as at r^5, to a link r', in turn pivotally connected, as at r^3, with its other end to the upper rear portion of the drawer o'. A link r^6 is pivotally secured, as at r^8, to the central front portion of the side of the drawer o, its free end being pivotally connected, as at r^{10}, with the link r^7, the other end of which is pivotally secured, as at r^9, to the upper front portion of the side of the drawer o'.

It must be remarked that the angles formed by the links $r\,r'$ and $r^6\,r^7$ point toward each other when the cabinet is closed, and, further, that the pin s, projecting from the side of the drawer, is adapted to form a rest or stop for the link r when the drawers are opened, and thus permit said links from further opening and passing a dead-center, whereby the closing of the links and drawers is greatly facilitated.

The bottom drawer o^3 is provided at or near its rear portion with a downwardly-projecting

knob n^0, in engagement with the groove i of the bottom b of the cabinet, and is adapted to slide in the groove h of the hinged front or door when said drawer is pulled outward, and thus serves as a guide for said drawer, the same as the enlargements k', m', and n' of the legs k, m, and n, respectively, serve as guides for said legs, as will be manifest.

Additional strength can be given to the drawers by providing the top portions of the sides of each drawer with elongated flaring tenons adapted to fit correspondingly-shaped elongated grooves arranged in the lower portions of the sides of the next preceding drawer and to slide therein when the drawers are being operated.

It will be manifest that cabinet articles—such as wall-cabinets, bureaus, show-cases, &c. — constructed as heretofore described greatly facilitate the exhibiting of goods, merchandise, &c., and thus furnish convenient and useful cabinet articles for stores, offices, &c., and reduce the time and labor required in handling said goods and articles.

It will be manifest that a similar arrangement of parts can be used for trunks, shelves, closets, and the like, and I therefore do not intend to limit myself to the construction shown and described; but

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a cabinet, of a door or front hinged to the front portion of the bottom of said cabinet, a series of drawers in said cabinet, means for pivotally connecting said drawers, a leg downwardly projecting from the rear portion of each drawer, a pin inwardly projecting from the front portion of each side of the cabinet, and a slotted arc-shaped link engaging its respective pin and secured with its forward end to the hinged front or door, substantially as described.

2. The combination with a cabinet, of a door or front hinged to the front portion of the bottom of said cabinet, a series of drawers in said cabinet, means for pivotally connecting said drawers, a leg downwardly projecting from the rear portion of each drawer, a pin inwardly projecting from the front portion of each side of the cabinet, a slotted arc-shaped link engaging its respective pin and secured with its forward end to the hinged front or door, and means carried by one of said drawers and by the cabinet respectively for preventing the entire withdrawal of the drawers from the cabinet, substantially as described.

3. The combination with a cabinet, having its bottom provided with a central groove or recess, of a door or front hinged to the front portion of said bottom and provided with a groove or recess communicating and in alinement with the groove or recess in said bottom, a series of drawers in said cabinet, means for pivotally connecting said drawers, a leg downwardly projecting from the rear portion of each drawer and provided at its lower end with an enlargement engaging the groove or recess in the bottom of the cabinet, a pin inwardly projecting from the front portion of each side of the cabinet, a slotted arc-shaped link engaging its respective pin and secured with its forward end to the hinged front or door, and means carried by one of said drawers and by the cabinet respectively for preventing the entire withdrawal of the drawers from said cabinet, substantially as described.

4. The combination with a cabinet having its bottom provided with a central groove or recess, of a door or front hinged to the front portion of said bottom and provided with a groove or recess communicating and in alinement with the groove or recess in said bottom, a series of drawers in said cabinet, means for pivotally connecting said drawers, a leg downwardly projecting from the rear portion of each drawer and provided at its lower end with an enlargement engaging the groove or recess in the bottom of the cabinet, a pin inwardly projecting from the front portion of each side of the cabinet, and a slotted arc-shaped link engaging its respective pin and secured with its forward end to the hinged front or door, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of August, 1897.

ALFRED GARTNER.

Witnesses:
WM. D. BELL,
J. O. POOLE.