No. 805,604. PATENTED NOV. 28, 1905.

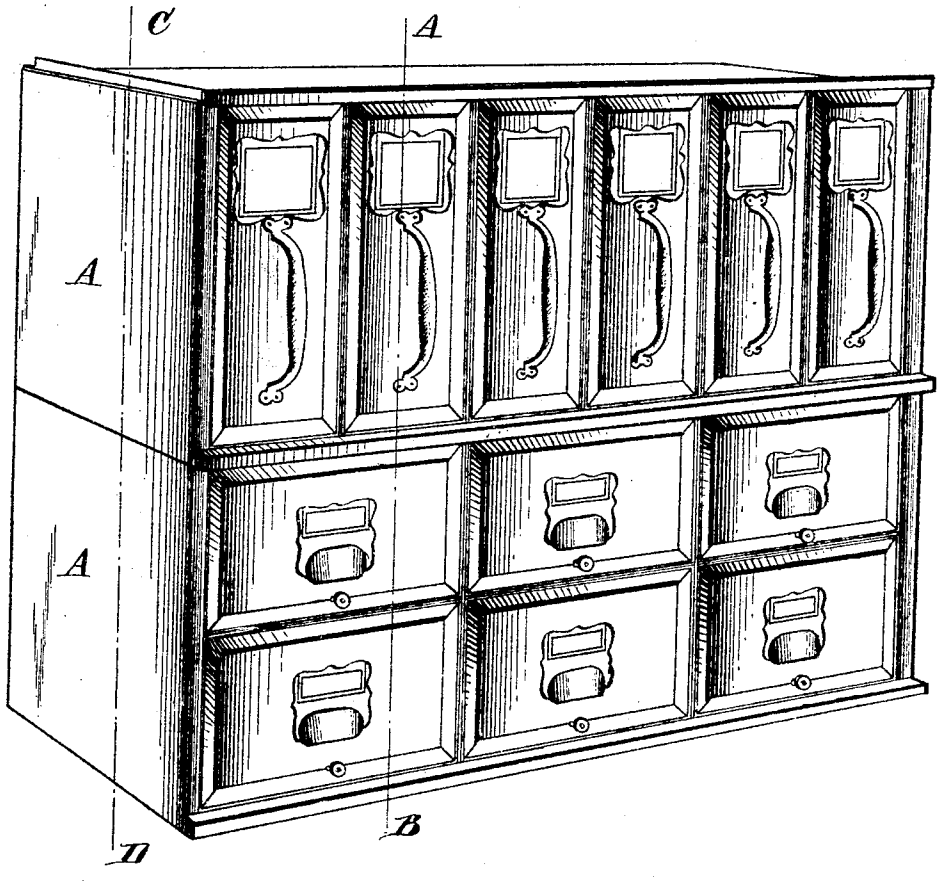
P. M. WEGE.

SECTIONAL STEEL CABINET.

APPLICATION FILED JULY 11, 1905.

2 SHEETS—SHEET 1.

Fig. 1.



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2 SHEETS—SHEET 2.

Fig. 2.

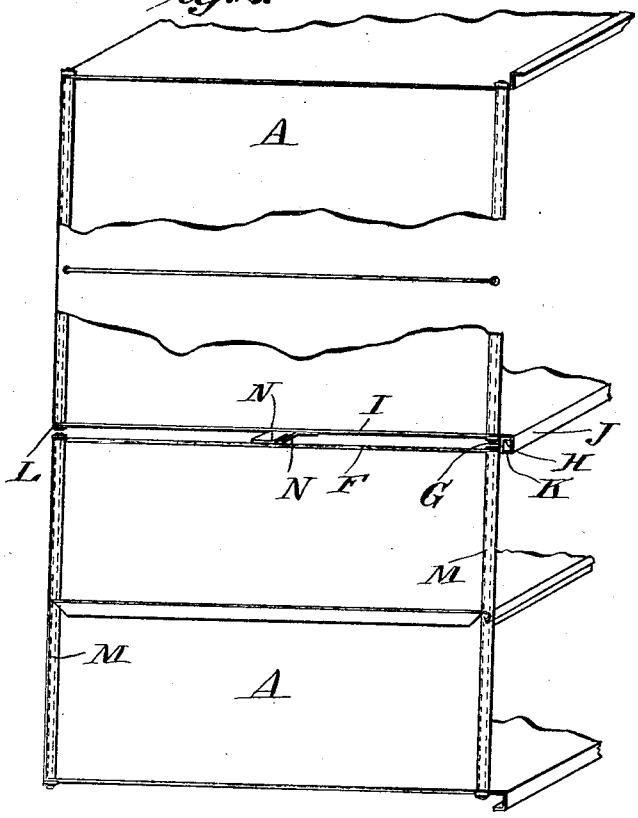


Fig. 3.

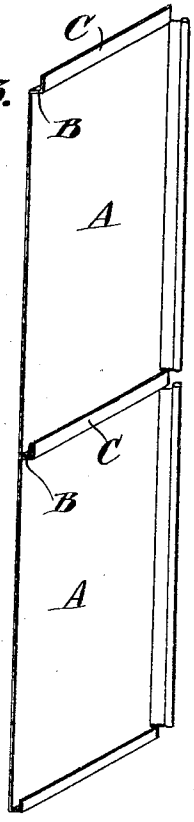


Fig. 4.

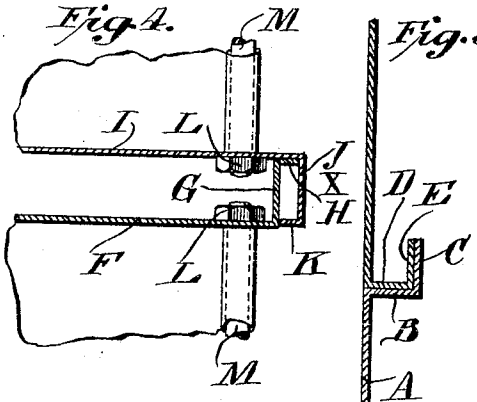
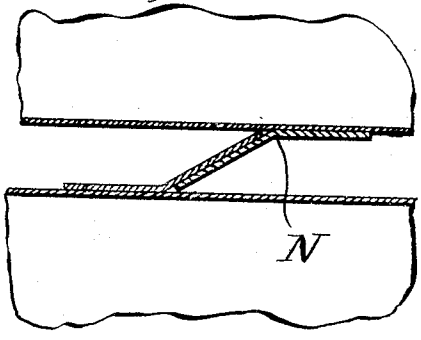


Fig. 5.

Fig. 6.



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UNITED STATES PATENT OFFICE.

PETER M. WEGE, OF YOUNGSTOWN, OHIO, ASSIGNOR TO THE GENERAL FIREPROOFING COMPANY, OF YOUNGSTOWN, OHIO, A CORPORATION OF OHIO.

SECTIONAL STEEL CABINET.

No. 805,604. Specification of Letters Patent. Patented Nov. 28, 1905.

Application filed July 11, 1905. Serial No. 269,212.

To all whom it may concern:

Be it known that I, PETER M. WEGE, a citizen of the United States, and a resident of Youngstown, Ohio, have invented certain new and useful Improvements in Sectional Steel Cabinets, of which the following is a specification, accompanied by drawings.

This invention relates to sectional steel cabinets; and its objects are to improve upon the construction of such structures, enable the upper section to be seated on the lower, so that it will line up all around, and secure a lock between the sections.

Further objects of the invention will hereinafter appear; and to these ends the invention consists of a sectional steel cabinet for carrying out the above objects embodying the features of construction, combinations of elements, and arrangement of parts having the general mode of operation, substantially as hereinafter fully described and claimed in this specification and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the cabinet. Fig. 2 is a transverse sectional view, partly broken away, taken on line A B of Fig. 1. Fig. 3 is a longitudinal sectional view taken on line C D of Fig. 1. Fig. 4 is a full-size sectional detail of the front of two sections shown in Fig. 2. Fig. 5 is a full-size sectional detail of the joint between two sections shown in Fig. 3, and Fig. 6 is a full-size sectional detail of the lock between two sections.

Referring to the drawings, the top of each unit A is contracted in length at the ends, as shown in Fig. 3, to fit into the bottom of the next upper unit. As shown, the upper edges of the ends are bent inwardly at B and upwardly at C, while the lower edges are correspondingly bent inwardly at D and upwardly at E.

The top sheet F of each unit is bent up at G and then forward at H in front, while the bottom sheet I is bent down at J and then inwardly at K to form a coöperating fit with the portions G and H.

Suitable nuts L on the vertical wires M prevent the upper units from being drawn forward until they have first been lifted a distance equal to the height of these nuts, the lifting being done at the front only.

The top and bottom sheets of each unit are preferably stiffened by a strip of sheet metal N, bent, preferably, at an obtuse angle and arranged to lock, as shown, with a coöperating strip N. This arrangement prevents the upper unit being lifted bodily from the lower one, because the nuts L coöperate, as described, with the locking means.

To separate the units, it is necessary to lift the front edge of the upper unit and draw it forward far enough to release the lock at N, after which it may be lifted clear of the lower unit.

Without limiting the invention to the devices shown and described, I claim, and desire to obtain by Letters Patent, the following:

1. A sectional steel cabinet comprising units having ends contracted in length to fit into the bottom of the next upper unit and means for locking the units together, and means cooperating with said locking means for preventing the top unit from being removed from the lower without first moving said top unit forward a given distance.

2. A sectional steel cabinet comprising units having end sheets bent inwardly and upwardly at both the top and bottom whereby the upper ends of the lower units are contracted in length to fit into the lower ends of the units.

3. A sectional steel cabinet comprising units having end sheets bent inwardly and upwardly at both the top and bottom whereby the upper ends of the lower units are contracted in length to fit into the lower ends of the upper units, and means for locking the units together.

4. A sectional steel cabinet comprising units having top sheets bent upwardly and outwardly at front and bottom sheets bent downwardly and inwardly at front to coöperate with the top sheets.

5. A sectional steel cabinet comprising units having top sheets bent upwardly and outwardly at front and bottom sheets bent downwardly and inwardly at front to coöperate with the top sheets, and means for locking the units together.

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

PETER M. WEGE.

Witnesses:

GEORGE D. MARGERUM,

H. E. WHITE.