(No Model.) 2 Sheets—Sheet 1.

D. W. McELROY.

PORTABLE SHELVING AND COUNTER.

No. 334,267. Patented Jan. 12, 1886.

Fig. 4.

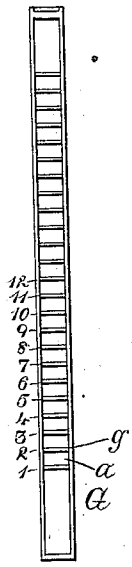


Fig. 5.

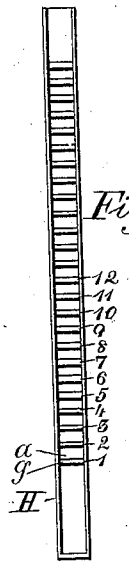


Fig. 1.

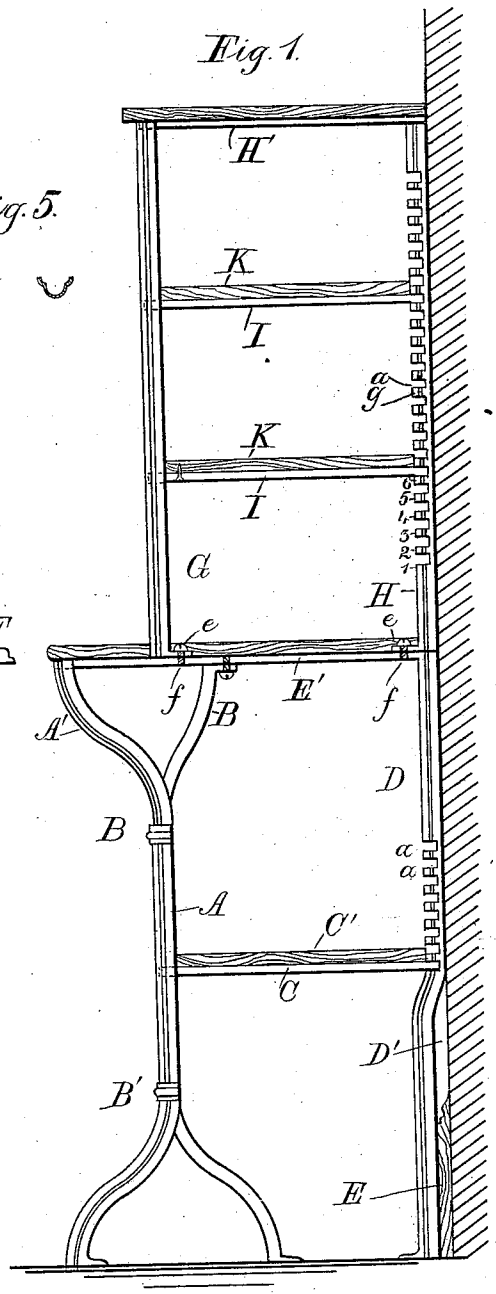


Fig. 2.

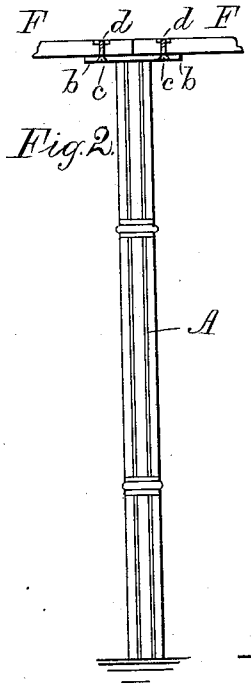
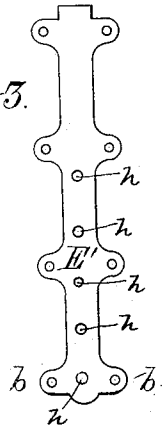


Fig. 3.



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N. PETERS, Photo-Lithographer, Washington, D. C.

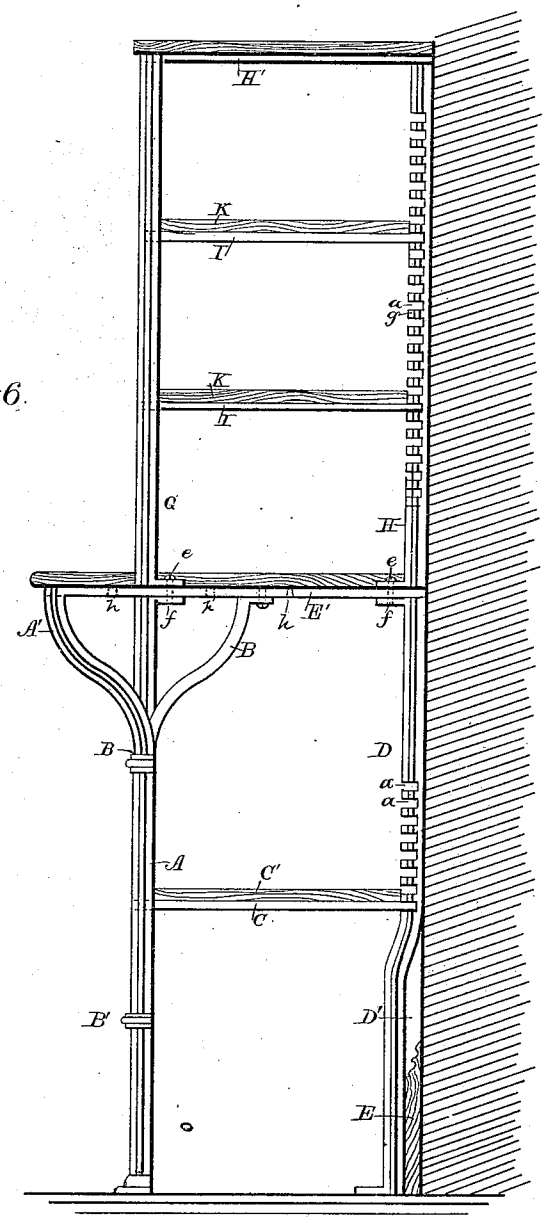
(No Model.) 2 Sheets—Sheet 2.

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PORTABLE SHELVING AND COUNTER.

No. 334,267. Patented Jan. 12, 1886.

Fig. 6.



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UNITED STATES PATENT OFFICE.

DAVID W. McELROY, OF KEOKUK, IOWA.

PORTABLE SHELVING AND COUNTER.

SPECIFICATION forming part of Letters Patent No. 334,267, dated January 12, 1886.

Application filed January 5, 1885. Serial No. 151,996. (No model.)

To all whom it may concern:

Be it known that I, DAVID W. MCELROY, a citizen of the United States, residing at Keokuk, in the county of Lee and State of Iowa, have invented certain new and useful Improvements in Portable Shelving and Counters, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in portable shelving and counters for stores and shops.

The object of my invention is to provide shelving which can be readily placed in position or taken apart and transported from place to place; and to this end my invention consists in casting or rolling the metal standards or supporting-pieces in section and securing the same together or in position by means of screws or bolts.

My invention consists, further, in providing the standards or supports with recesses to receive the cross-bars which support the shelves, so that the said shelves can be adjusted to any desired distance apart.

My invention consists, further, in providing the rear standards with offsets, so that the base-boards of the room or apartment will fit therein and permit the shelving to stand firmly against the wall of the building.

Referring to the drawings, Figures 1 and 6 are end views of my improved shelving in position. Fig. 2 is a face view of one of the front standards. Fig. 3 is a top view of one of the cross-bars which connect the front and rear standards or supports. Fig. 4 is a rear and sectional view of the front posts or standards. Fig. 5 is a front and sectional view of the rear standard.

A are the front standards or supports, which may be cast in one piece, or may be cast or rolled and bent into the form shown in sections A′ B and joined together by bolts, screws, or rivets, as at B. The inside face of the sections A may be provided with recesses to receive cross-bars C, which support the shelves C′.

D are the rear standards, which may be of cast or rolled iron, the front sides of which are provided with recesses *a*, the same as the recesses in the standards A, to receive the cross-bars C. The rear standards or supports, D, are bent inward at their lower ends, as shown at D′, so as to receive the base-board E and permit the shelving to rest solidly against the wall.

E′ is a cross-bar for connecting the upper ends of the standards A D, said bar being provided with apertured wings *b*, by means of which the shelf-boards F are secured to the cross-bar E′ by screw-bolts *c*, the boards F being recessed at *d*, to receive the nuts of the bolts, so as to allow the same to lie on a level or a little below the upper face of the board F.

The standards A D and cross-bars E′ form the frame-work of the lower section of the shelving, and when desired the upper structure, which will be described hereinafter, can be omitted, and the lower section, with the board F attached, can be used as a counter.

The upper section of the shelving is composed of the standards G H and the cross-bars I and shelf-boards K. The posts or standards G H are, by preference, made of cast-iron or malleable iron, and are provided with flanges or feet *e*, by means of which they are secured to the cross-bars E′ by bolts or screws *f*, while similar flanges may be provided at the top, to which an upper cross-bar, H′, is secured, so as to hold the frame-work rigidly together.

The front and rear faces of the standards H and G, respectively, are provided with recesses *a* and corresponding projections or ledges, *g*, to receive any desired number of cross-bars I I, on which the shelf-boards K are supported, and the ledges or projections on each standard may be numbered the same, so that the cross-bars can be readily placed in their true position and at the proper distance apart. These numbers may be cast or painted on the projections, as indicated by the numerals 1 2 3 4, &c.

Instead of having the rear standards formed in two sections, D and H, I may form them in one piece, as in cases where my device is to be used for shelving alone. It will be noticed that by this construction I am enabled to provide a cheap, light, and strong frame for the support of the shelving, which can be readily taken apart and transported from place to place. It will also be noticed that

by having the cross-bars E′ made with numerous perforations, *h*, I am enabled to move and secure the front standard, G, any desired distance from the rear standard, and by having the cross-bars I of the required length can make the upper shelving of any desired width and any combination of widths as between the upper and lower sections of shelving. (See Fig. 6.)

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A metal frame-work for counters or shelving-supports, composed of the standards A D and cross-bar E′, having the lateral perforated wings, as described, whereby the board or top F is secured to the frame-work, as set forth.

2. A portable shelving consisting of metal supports or standards, said standards being provided with recesses *a* and ledges *g*, formed integral therewith, to receive the cross-bars which support the shelves, as set forth.

3. In a portable shelving the standards or supports of which are made of metal, the rear standards or supports, B, provided with offsets D′, as described, whereby the base-board of the wall will lie therein and the upper portion of the shelving be permitted to lie or fit against the wall of the building, as set forth.

4. In a portable shelving, the cross-bars E′, provided with numerous perforations, *h*, in combination with the standards G and cross-bars I, whereby the upper section of shelving can be made wide or narrow, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

DAVID W. McELROY.

Witnesses:
A. H. EVANS,
WM. FULTON.