A. A. SMITH.

ADJUSTABLE SHELVING.

APPLICATION FILED JAN. 14, 1909.

923,721.

Patented June 1, 1909.

FIG. 1

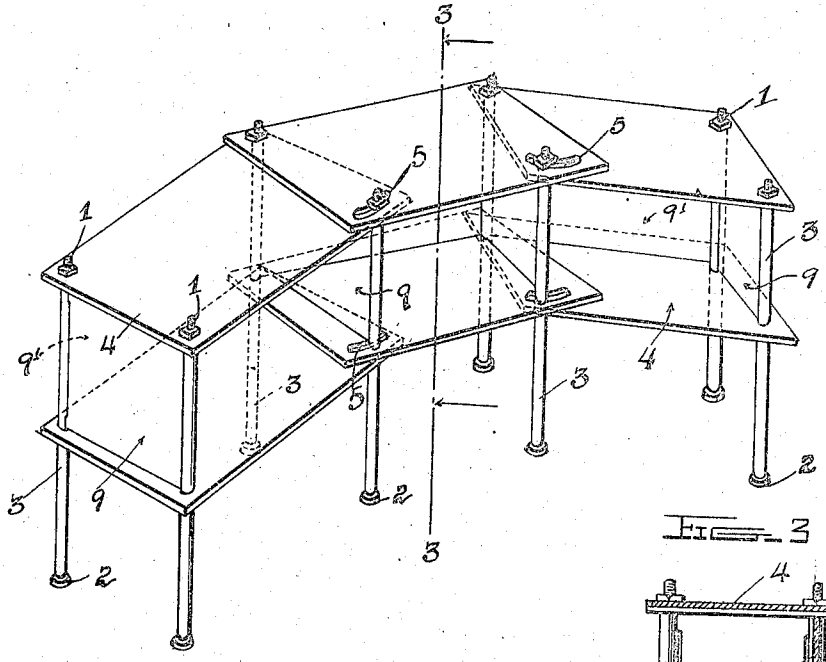


FIG. 3

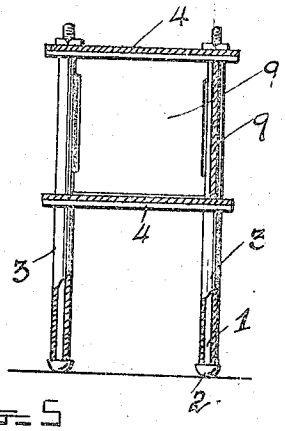


FIG. 2

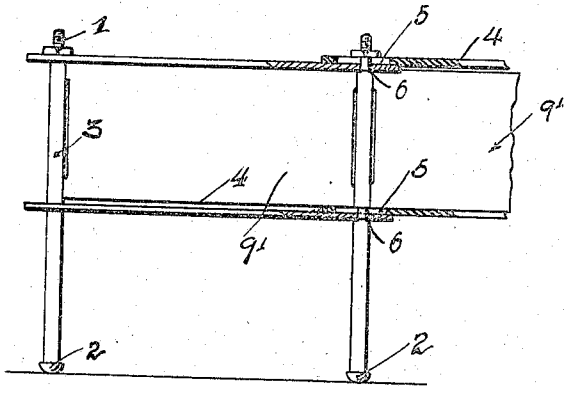


FIG. 5

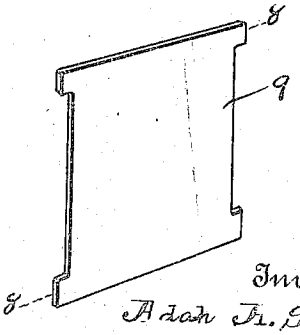
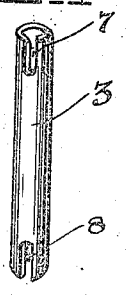


FIG. 4



Witnesses
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ADJUSTABLE SHELVING.

No. 923,721. Specification of Letters Patent. Patented June 1, 1909.

Application filed January 14, 1909. Serial No. 472,333.

To all whom it may concern:

Be it known that I, ADAH A. SMITH, a citizen of the United States, residing at Bedford, in the county of Taylor and State of Iowa, have invented certain new and useful Improvements in Adjustable Shelving; and I do 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.

This invention relates to improvements in shelving and comprises the production of a shelving which may be adjusted to fit rounded places.

One of the objects of the invention is the production of a simple shelving comprising supporting rods provided with spacing sleeves and a series of shelves having curved slots formed therein in such manner that the shelves may be adjusted in the arc of a circle.

With this and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view of my improved adjustable shelving; Fig. 2 is a vertical longitudinal sectional view of Fig. 1; and Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 1. Fig. 4 is a detail perspective view of one of the spacing sleeves; Fig. 5 is a perspective view of one of the spacing partitions.

Referring to the drawings, 1 denotes supporting rods which are provided at their lower ends with rubber foot blocks, 2. A plurality of sleeves, 3, is arranged around the rods 1, which sleeves are formed in sections and a series of shelves, 4, is arranged on the rods 1 and spaced apart thereon by the sections of the sleeves, 3.

A part of the shelves 4 is formed with slightly curved slots, 5, which are arranged near the outer corners and the adjacent shelves are formed with rod openings, 6, which are adapted to register with the slots, 5. The character of the curvature of the slots, 5, will, of course, depend upon the exact curvature of the room or place in which it is desired to arrange the shelving. The shelves, 4, may be arranged in a straight line or in the arc of a circle, accordingly as desired, and when arranged in the latter manner the rod openings 6 will occupy an inner position against the slots 5, and when arranged in the opposite manner, said rod openings will occupy an opposite position.

Each of the sleeve sections is formed with end slots 7, which are arranged to receive tongues, 8, formed on vertical partitions, 9, which partitions are constructed of a length equal to that of the sleeve sections and serve to support the shelves, 4. The partitions 9 are arranged lengthwise and crosswise on the shelving so as to close the space on the rear side of the shelving when assembled, and to divide the shelving into blocks or cells.

The upper portions of the rods 1 are threaded and when all of the shelves have been assembled thereon, said shelves are secured to the rods by nuts threaded to the upper rod ends.

From the foregoing description, taken in connection with the accompanying drawing, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined in the appended claims.

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

1. A plurality of horizontally disposed shelves arranged with the adjacent ends thereof overlapping, the inner corner of one of said shelves having an arc-shaped slot therein, and a supporting rod extending through the corner of the other shelf and projecting through said slot to provide for the lateral adjustment of one shelf relatively to the other.

2. An adjustable shelving comprising a shelf formed with a plurality of corner slots, and a plurality of shelves provided with pins extending through said slots and arranged to be adjusted therewith in the arc of a circle.

3. An adjustable shelving comprising supporting rods provided with foot rests, a series of spacing sleeve sections mounted on the supporting rods, shelves supported on the rods and spaced by the sleeve sections, and means for adjusting the sleeves in the arc of a circle.

4. An adjustable shelving comprising supporting rods provided with foot rests, a series of spacing sleeve sections mounted on the rods, each of the sleeve sections being formed

with end slots, and a series of partitions formed with end tongues secured by said tongues to the sleeve sections.

5. An adjustable shelving comprising supporting rods provided with foot rests, a series of sleeve sections formed with end slots mounted on the supporting rods, shelves formed with corner slots supported on the rods and spaced thereon by the sleeve sections, shelves supported on the rods and spaced thereon by the sleeve sections adjustable in the arc of a circle with the first-mentioned shelves, and partitions having tongues secured by said tongues in the slotted ends of the sleeve sections.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ADAH A. SMITH.

Witnesses:
P. E. MYERS,
WILLIAM T. FINE.