

A. A. OESTREICHER.

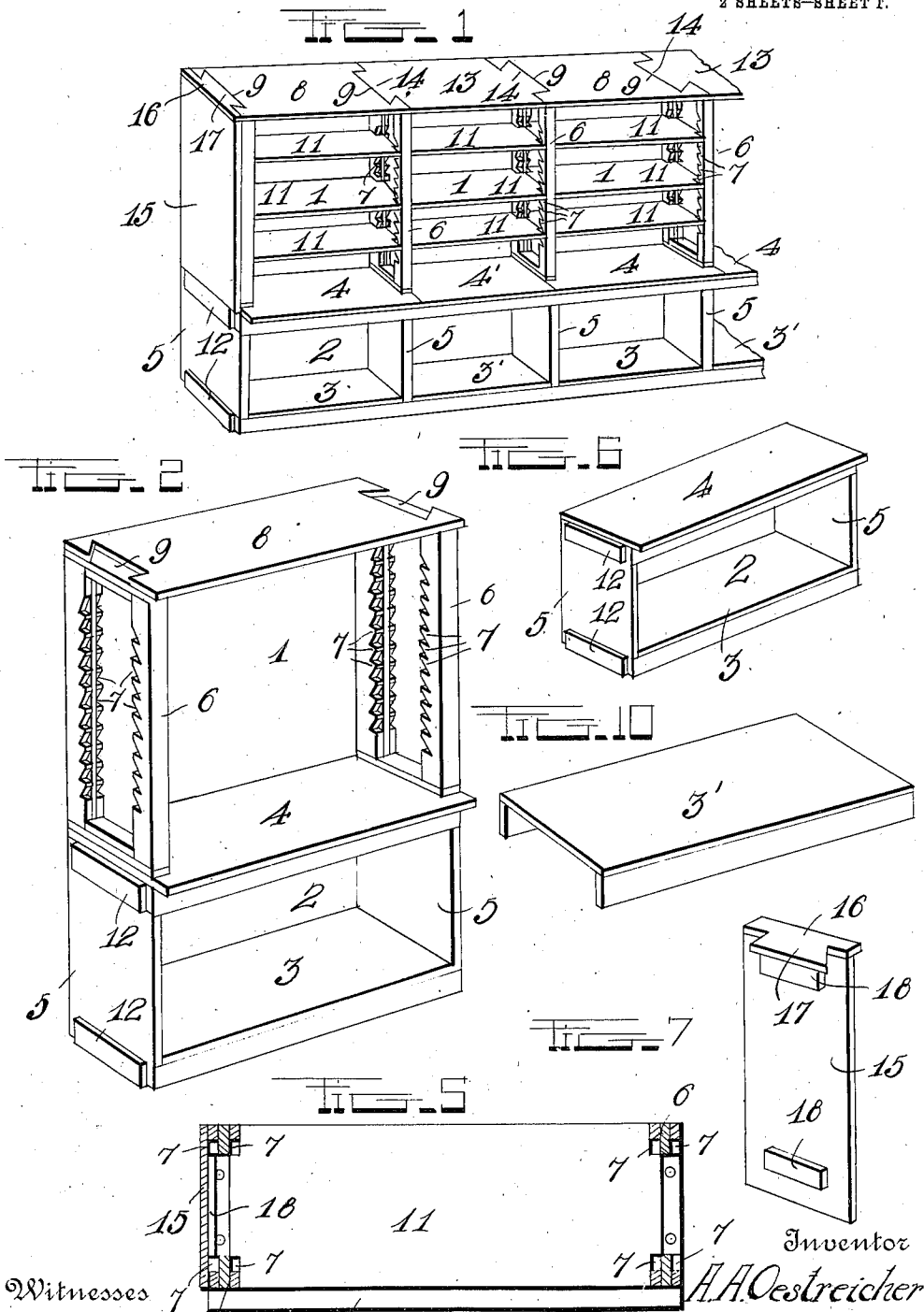
SECTIONAL SHELVING.

APPLICATION FILED JUNE 23, 1910.

984,593.

Patented Feb. 21, 1911.

2 SHEETS—SHEET 1.



Witnesses

C. R. Hardy
C. H. Giesbauer

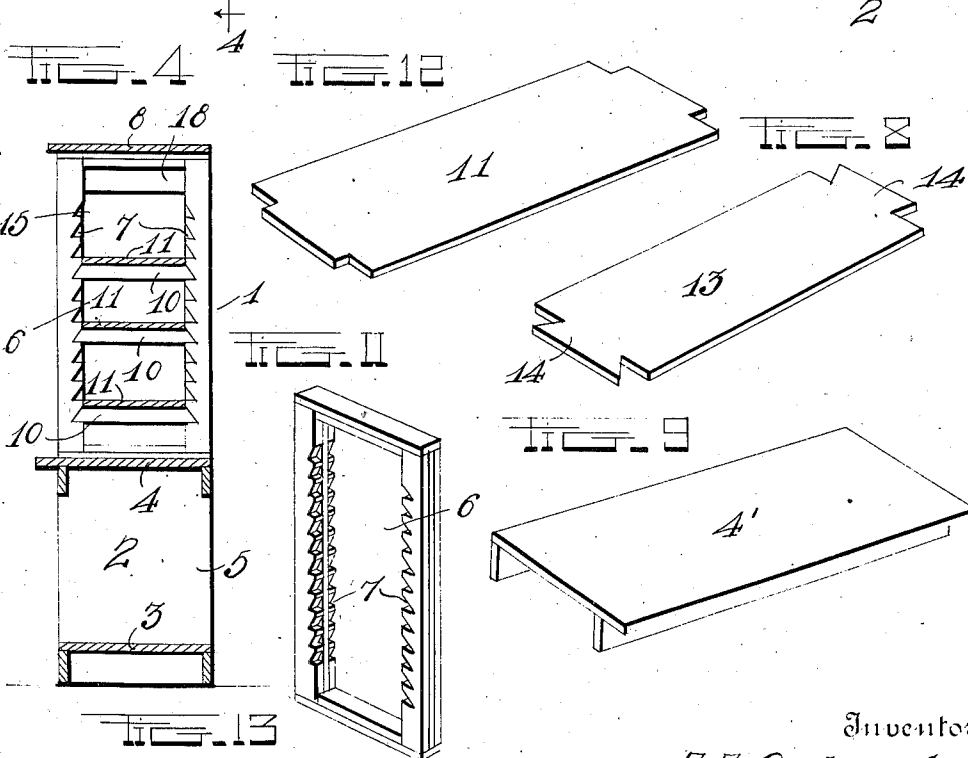
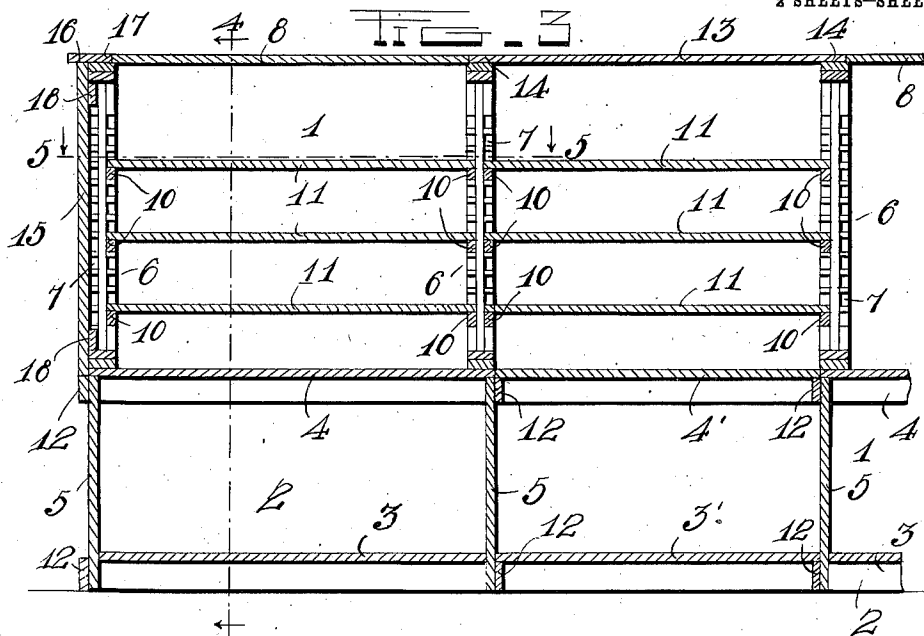
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UNITED STATES PATENT OFFICE.

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SECTIONAL SHELVING.

984,593.

Specification of Letters Patent.

Patented Feb. 21, 1911.

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To all whom it may concern:

Be it known that I, ADOLPH A. OESTREICHER, a citizen of the United States, residing at Beeville, in the county of Bee and State of Texas, have invented certain new and useful Improvements in Sectional 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 sectional shelving.

One object of the invention is to provide an improved construction and arrangement of shelving which may be readily set up or taken down or parts added to or removed therefrom to vary the size of the same.

Another object is to provide a simple and inexpensive arrangement of sectional shelving, the parts of which when taken down for storing or shipping may be packed to occupy but a comparatively small space.

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

In the accompanying drawings: Figure 1 is a perspective view of my improved shelving; Fig. 2 is a similar view of one of the units of the same; Fig. 3 is a vertical longitudinal sectional view through a section of the shelving; Fig. 4 is a vertical cross sectional view thereof on the line 4-4 of Fig. 3; Fig. 5 is a horizontal sectional view on the line 5-5 of Fig. 3; Fig. 6 is a perspective view of the base of one of the shelving units; Fig. 7 is a similar view of one of the end pieces of the shelving; Fig. 8 is a similar view of one of the top connecting pieces of the shelving; Fig. 9 is a similar view of one of the top connecting pieces for the base members of the shelving units; Fig. 10 is a similar view of the bottom connecting portion of one of said base members; Fig. 11 is a similar view of one of the cleat supporting frames for the adjustable shelving cleats; Fig. 12 is a similar view of one of the shelves; Fig. 13 is a similar view of one of the shelf supporting cleats.

My improved shelving comprises a series of units which are adapted to be connected together to form sections thus providing for

the construction of shelving of any desired length. Each of the units 1 comprises a base member 2. Each of the base members 2 comprises a bottom or base portion 3, a top portion 4 and end pieces 5, which are securely fastened together in any suitable manner to form a base member of the desired size. In the present instance the base members 2 are shown open. It is obvious, however, that shelves may be arranged in the base members or the same may be provided with drawers or closed in any suitable manner.

Secured on the top portions 4 of the base members at their opposite ends are upwardly projecting shelf supporting frames 6 each of which is provided with racks 7, arranged thereon and secured to the opposite sides thereof as shown. The frames 6 are connected together at their upper ends by top pieces 8. In the opposite ends of the top pieces 8 are formed dove tailed recesses 9 the purpose of which will be hereinafter described. Adapted to be adjustably engaged with the racks 7 are shelf supporting cleats 10 upon which are adapted to rest the shelves 11. The shelves 11 are preferably notched out at their corners to fit around the racks as clearly shown in Figs. 5 and 12 of the drawing.

The construction just described forms one unit of the shelving and by connecting a series of such units together in the manner hereinafter described shelving of any desired length may be provided.

On the outer sides of the end pieces 5 of the base members of the units are secured cleats 12 upon which are engaged and supported the unit connecting base pieces and top pieces 3' and 4' which correspond to and are constructed in the same manner as the base portion 3 and top portion 4 of the units. The top pieces 8 of the unit sections are connected together by top connecting pieces 13 having on their opposite ends dove tailed shaped projections 14 which are adapted to fit into the dove tailed recesses 9 in the ends of the top pieces of the units as shown. When two shelving units are thus connected together they form a section and to the opposite ends of the section thus formed may be connected other units by means of the connecting pieces just described, thus increasing the shelving to any desired length. When a suitable length of shelving has thus been formed the outer

ends of the upper portions of the shelf units are closed by end covering pieces 15 on the upper ends of which are secured strips 16 having dove tailed shaped projections 17 which are adapted to fit into the dove tailed recesses 9 in the outer end of the top piece of said end unit. On the inner sides of the end pieces 15 are also secured bracing cleats 18 which fit between the sides of the frames 6 and engage the inner sides of the upper and lower ends of the same. The end covering pieces may be secured to the outer sides of the end shelf frames by screws or other suitable fastening devices.

By constructing my improved shelving as herein shown and described it will be seen that parts of the same may be readily disassembled and packed to occupy a comparatively small space and which when the base members of the units are open, as shown in the present instance, most of the parts forming the upper portions of the shelving may be packed into said open base members.

From the foregoing description taken in connection with the accompanying drawings, 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 this invention as defined in the appended claims.

Having thus described my invention, what I claim is:

1. Sectional shelving comprising a series of units spaced apart and each consisting of a base member, shelf supporting frames secured to the upper sides of the base members adjacent their opposite ends and top pieces connecting the upper ends of said frames, said top pieces having dovetailed recesses in their ends, end pieces adapted to

cover the outer shelf supporting frames, supporting strips secured to the upper ends of said end pieces and having dovetailed projections adapted to engage a dovetailed recess in the outer ends of the top pieces, a series of base connecting pieces arranged between and adapted to connect the bases of the units together, a top connecting piece arranged between the units and provided at its opposite ends with dovetailed projections adapted to engage the recesses in the inner ends of the unit top pieces, and shelves extending between and supported by the shelf supporting frames of all the units.

2. Sectional shelving comprising a series of units spaced apart and each consisting of a base member, cleats secured on the ends of the base members, shelf supporting frames secured to the upper sides of the base member adjacent their opposite ends and top pieces connecting the upper ends of said shelf supporting frames, said top pieces having dovetailed recesses in their ends, end pieces resting on the cleats on the base members and adapted to cover the outer shelf supporting frames, supporting strips secured to the upper ends of said end pieces and having dovetailed projections adapted to engage the dovetailed recesses in the outer ends of the unit top pieces, base connecting pieces having their ends engaged over the cleats on the ends of the base members and extending between the same, and a top connecting piece extending between the units and provided at its ends with dovetailed projections engaging the recesses in the unit top pieces.

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

ADOLPH A. OESTREICHER.

Witnesses:

B. W. KLIPSTEIN,

J. B. BORVEY.