Dec. 17, 1957 E. F. SCHILD 2,816,669

ADJUSTABLE SHELVING

Filed June 17, 1954

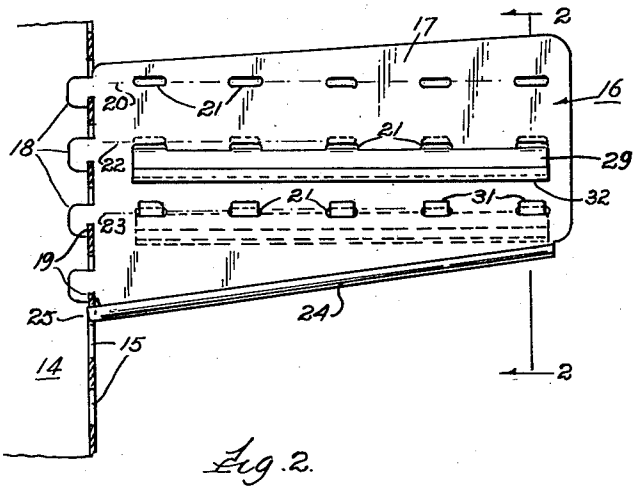


Fig. 1.

Fig. 2.

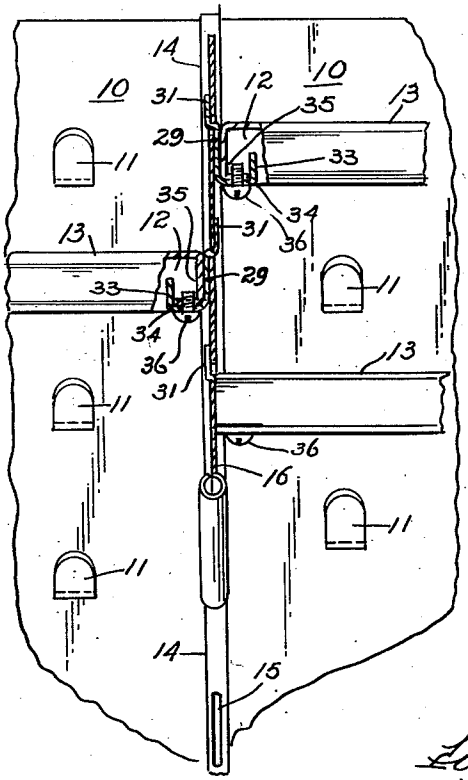
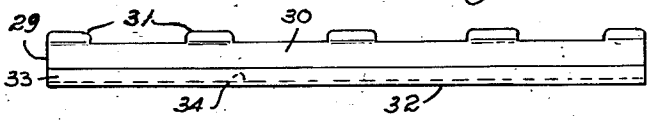


Fig 3



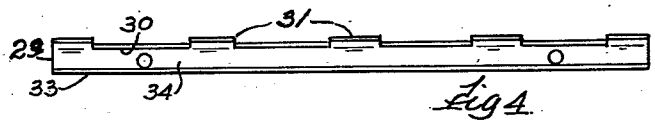


Fig 4.

Fig 5

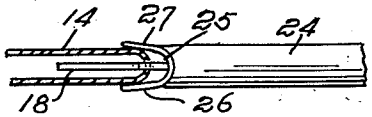


Fig 6

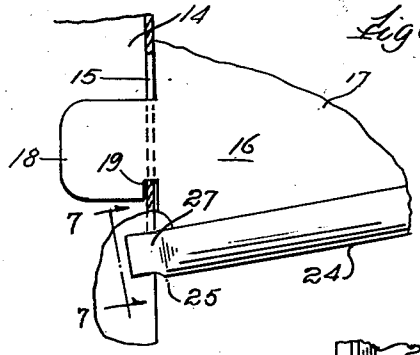
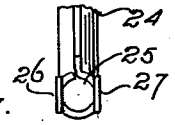


Fig 7.



INVENTOR.
Edwin F. Schild
BY
James R. McKnight
Attorney.

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2,816,669

ADJUSTABLE SHELVING

Edwin F. Schild, Schiller Park, Ill.

Application June 17, 1954, Serial No. 437,316

2 Claims. (Cl. 211—136)

This invention relates to shelving having a combination bracket permitting an offset in the shelves from one level to another.

Among the objects of this invention is to provide shelving having a bracket which supports a shelf on one side at a different level from the shelf on the other side. My invention contemplates such other objects, advantages and capabilities as will later more fully appear and which are inherently possessed by my invention.

While I have shown in the accompanying drawings a preferred embodiment of my invention, yet I wish it understood that the same is susceptible of modification and change without departing from the spirit of my invention.

Referring to the drawings, Fig. 1 is a face view of my bracket mounted for use with two saddles attached thereto; Fig. 2 is an enlarged, detailed sectional view on line 2—2 of Fig. 1; Figs. 3 and 4 are side elevational and top plan views of my saddles; Fig. 5 is a bottom view of my bead roll and fork; Fig. 6 is a side elevational view of the same; and Fig. 7 is an end view on line 7—7 of Fig. 6.

The embodiment selected to illustrate my invention comprises a rear wall **10** having a plurality of spaced cut lugs **11** forming seats to receive and support rear flange **12** of shelf **13**. At the outer ends of the rear wall (not shown) and between sections of the rear wall an upright **14** is provided contacting the outer edges of the rear walls. Each upright has a plurality of vertically spaced slots **15**.

A bracket **16** has a body portion **17**, and a plurality of vertically spaced downwardly extending hooks **18**, each having a vertical notch **19**. The body portion is provided with a line **20** of intermittent slots **21** substantially in line with the hook **18** nearest the top of the body portion. Other lines **22** and **23** of intermittent slots **21** are provided in the body member in line with the next lower hooks **18**. Body portion **17** at its lower part extends diagonally downwardly and inwardly and ends in inwardly rolled portion **24** with cut out **25** at its inner end to form spaced lips **26** and **27**.

Bracket **16** is attached to upright **14** by hooks **18** extending into slots **15** with notches **19** engaging the front wall portion of the upright between the slots, and lips **26** and **27** engaging the outer portion of the upright.

A saddle **29** has an inner portion **30** from which inwardly and then upwardly extend a plurality of spaced tangs **31**. Extending outwardly from inner portion **30**, is a horizontal portion **32** and an abbreviated vertical portion **33** forming a trough **34**.

Saddle **29** is attached to bracket **16** by inserting tangs **32** into slots **21**, let us say for illustration, of line **20**.

Another saddle **29** is attached to bracket **16** by inserting tangs **31** into slots **21** of another line, for example line **23**. The side end of shelf **13** has a channel **35** which lies in trough **34** of its adjacent saddle. The bottom channel portions of trough **34** and channel **35** have registered screw threaded openings to receive removable screws **36** to prevent unauthorized forward movement of the shelf. This provides shelves of different levels for display or sale of merchandise of different sizes or heights.

While I have shown herein three lines of slots which in actual use permits a variation of substantially 4 inches in the height of adjacent shelves, yet my bracket may be higher in extent to permit more lines of slots for even greater variations in the height of shelves.

My shelving is adapted to be mounted on the floor by means of the rear wall and end uprights.

Since my uprights will support the shelves without a rear wall, I may omit the rear wall altogether with its cut up lugs. I have shown in this application a support with shelves on either side to illustrate more clearly the feature of shelves at different levels. It is apparent without showing the same that I employ a support at each of the outer ends of the shelves and attach my bracket to each support, my saddle to each bracket, and my shelf to each saddle as hereinbefore set forth.

While I prefer to have a line of slots for each hook of my bracket and substantially in line with each hook, yet I may provide my line of slots at any place on the bracket and have more or even fewer lines of slots than hooks.

With my bracket, I am not limited to one saddle and shelf on one side of the bracket, and another saddle and shelf on the other side, but may use saddles in any of the lines of slots, so that I may have more than two saddles and shelves on even the same side of the bracket. This permits the use of shelves vertically spaced with the use of a single bracket.

Having thus described my invention, I claim:

1. In adjustable shelving having an upright support with a plurality of vertically spaced openings, a bracket having a plurality of hooks similarly vertically spaced so that said hooks may engage higher or lower openings of said support for removably positioning said bracket on said support at a desired height, said bracket having a line of transversely spaced intermittent slots substantially in line with its highest hook, said bracket also having other transversely spaced intermittent lines of slots vertically spaced from the first mentioned line and each line in line with the hook parallel thereto, a plurality of saddles, each saddle having a vertical inner portion, a vertical outer portion and a connecting horizontal portion forming a trough, said inner portion ending in a plurality of tangs transversely spaced similar to the intermittent slots in the bracket, said tangs adapted to engage any one line of the slots of said bracket for attaching the saddle to the bracket at the level of the chosen line of slots, and on either side of said bracket, and a shelf having a channel removably positioned in the trough of said saddle.

2. In adjustable shelving having an upright support with a plurality of vertically spaced openings, a bracket having a plurality of hooks similarly vertically spaced so that said hooks may engage higher or lower openings of said support for removably positioning said bracket on said support at a desired height, said bracket having

a downwardly diagonally extending bead roll at its lower end, said bead roll divided at its inner end and forming a pair of lips, said bead roll positioned so that said lips bear against the outside of said support and prevent side movement of said bracket, said bracket having a plurality of vertically spaced lines of transversely spaced intermittent slots, a plurality of saddles, each saddle having a vertical inner portion, a vertical outer portion and a connecting horizontal portion forming a trough, said inner portion ending in a plurality of tangs transversely spaced similar to the intermittent slots in the bracket, said tangs adapted to engage any one line of the slots of said bracket for attaching the saddle to the bracket at the level of the chosen line of slots, and on either side of said bracket, and a shelf having

a channel removably positioned in the trough of said saddle.

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