

I. E. MARTIN.
ADJUSTABLE SHELF.
APPLICATION FILED MAY 27, 1912.

1,043,950.

Patented Nov. 12, 1912.

Fig. 1.

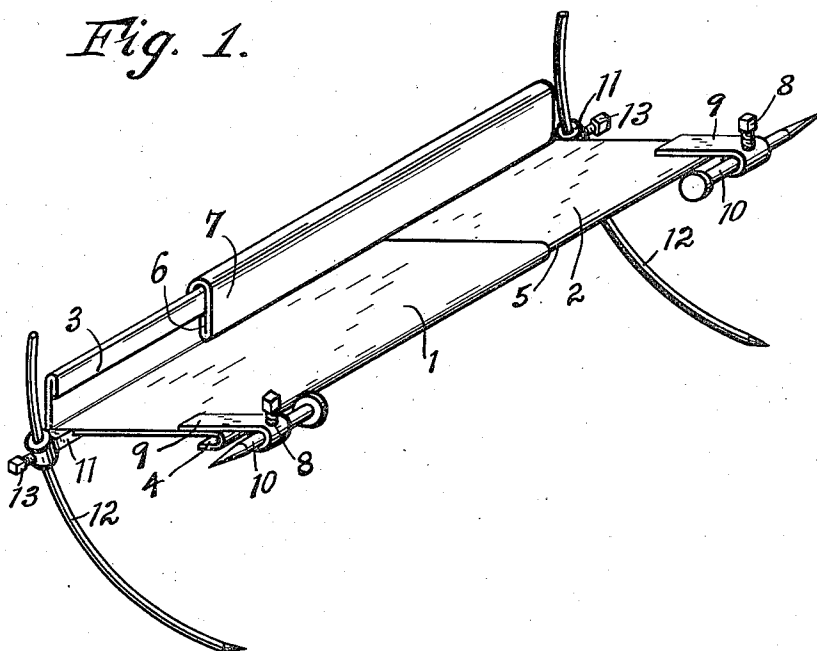
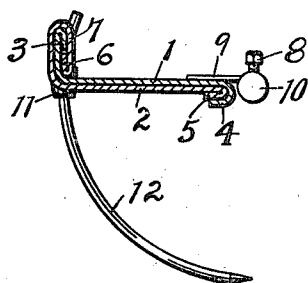


Fig. 2.



Witnesses:

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Inventor

Ira E. Martin,

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UNITED STATES PATENT OFFICE.

IRA E. MARTIN, OF CHICAGO, ILLINOIS.

ADJUSTABLE SHELF.

1,043,950.

Specification of Letters Patent.

Patented Nov. 12, 1912.

Application filed May 27, 1912. Serial No. 700,038.

To all whom it may concern:

Be it known that I, IRA E. MARTIN, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Adjustable Shelves, of which the following is a specification.

My invention relates to adjustable folding window shelves and the object is to provide a device of this character which may be easily adjusted or removed from a casing and be efficient in its operation.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be more readily understood by reference to the accompanying drawing forming a part of this specification, and in which,

Figure 1 is a view, in perspective, of my device, and Fig. 2 is a transverse section taken through the telescoped portion of the shelf sections.

The preferred form of construction as illustrated in the drawing comprises two L-shaped shelf sections 1 and 2 telescoped together in order to adjust the total length of the shelf. The section 1 of the shelf is provided with the edge 3 of its shorter side turned upon said side and its edge 4 turned in a manner to form a groove between such edge and its corresponding side to engage the edge of the section 2. Section 2 of the shelf is provided with the edge 5 of its longer side turned upon such side to fit the groove formed between the edge 4 and the longer side of section 1 and be longitudinally slidable therein. The edge 6 of the shorter side of section 2 is bent upon itself and the portion 7 of such shorter side is also bent to form a recess into which is slidably mounted the edge 3 of section 1 in a manner so that the sections 1 and 2 will be telescoped together and be of rigid construction. The portions 6 and 7 of section 2 and the edge 3 of section 1 are bent as indicated in the drawing so that the total width of the edges 3 and 6 will correspond with the width of the portion 7 so that there will be a sliding fit between the portions of the section 1 and section 2.

An ear 9 is secured at the free edge of each of the sections 1 and 2 and each of such ears is provided with an eye in which is slidably mounted a pin 10. A set screw 8

is threaded in each of the ears 9 to adjustably secure the pin 10 in desired positions. The outer edge of the shelf is supported by means of the ears 11 being secured to the longer sides of said sections 1 and 2 at the angular portions of said shelf sections and each of said ears 11 are provided with eyes in which are adjustably secured the curved arms 12. Said curved arms are adjustably secured in the eyes of the ears 11 by means of set screws 13.

In operation the device is fixed to a window casing by means of loosening the set screws 8 and extending the shelf sections 1 and 2 until they fit the inner sides of a window casing, the pins 10 are then driven into the wood of the casing and the set screws 8 tightened to prevent longitudinal movement of the pins 10 in the ears 9. The points on the lower ends of the curved arms 12 are entered into the outer sides of the window casing to prevent their slippage upon the surfaces of the window casing and the thumb screws 13 loosened, the shelf raised to a substantially horizontal position and then tightened to secure the shelf in such position. Such shelf may be inclined slightly inwardly so that any water falling on the shelf will be automatically drained off.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A device of the kind described comprising a telescoping shelf, ears on said shelf; supporting pins slidably mounted in said ears; and arcuate supporting arms adjustably secured to said shelf, substantially as described.

2. A device of the kind described comprising two shelf sections substantially L-shaped in cross section and telescoped together; an ear on the free edge of the longer side of each of said shelf sections; a supporting pin slidably mounted in each of said ears; an ear at the angular portion of each

of said shelf sections; and arcuate supporting arms adjustably secured in the ears secured on the angular portions of said shelf, substantially as described.

5 3. A device of the kind described comprising two shelf sections, each substantially L-shaped in cross section, one provided with a
10 turned edge on its short side to form a groove to engage the corresponding side of the other of said sections and such other section is provided with a turned edge on its
15 longer side to engage the corresponding edge of said first section and such sections telescoped together; an ear on the free edge of the longer side of each of said shelf sections;
a supporting pin slidably mounted in each
20 of said ears; an ear at the angular portion of each of said shelf sections; and arcuate supporting arms adjustably secured in the ears secured at the angular portions of said
shelf sections, substantially as described.

4. A device of the kind described comprising two shelf sections substantially L-shaped in cross section, one provided with the edge

of its shorter side turned upon itself and the 25
edge of its longer side bent to engage the corresponding edge of the other of said sections and such other section having the edge
30 of its shorter side turned upon itself and again turned to engage the corresponding edge of said first section and the edge of its longer side turned upon itself and such shelf
sections telescoped together; an ear on the edge of the longer side of each of said shelf
35 sections; a supporting pin slidably mounted in each of said ears and adjustably secured therein; an ear at the angular portion of each of said shelf sections; and arcuate supporting
40 arms adjustably secured in the ears at the angular portions of said shelf sections, substantially as described.

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

IRA E. MARTIN.

Witnesses:

JOSHUA R. H. POTTS,
JANET E. FARRELL.