

B. T. B. HYDE.
STORE SHELVING.
APPLICATION FILED JUNE 5, 1912.

1,043,432.

Patented Nov. 5, 1912.

FIG. 2 -

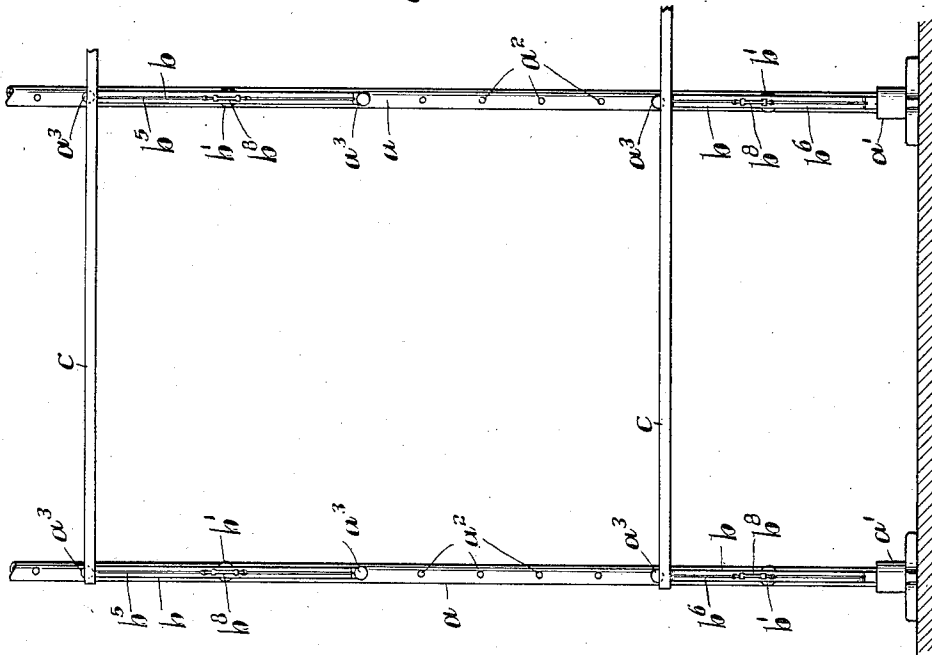


FIG. 1 -

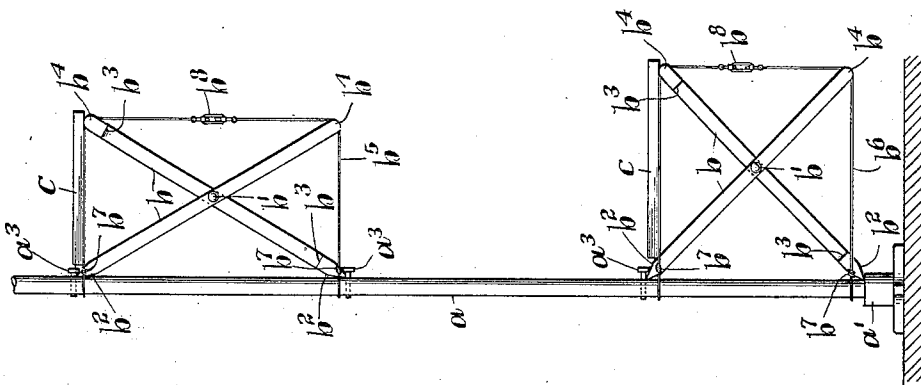
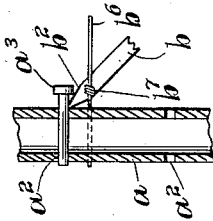


FIG. 3 -



WITNESSES

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STORE-SHELVING.

1,043,432.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, BENJAMIN T. B. HYDE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Store-Shelving, of which the following is a specification.

My invention has relation to sanitary store shelving, and relates particularly first to the manner of adjustably maintaining such shelving in connection with standards; second, to the manner of arranging the pivotal stilts in proper position for supporting the shelving by means of wires having a swivel-connection; third, to the manner of connecting the wires for positioning the pivotal stilts or supports with the standards and which means forms also a terminal for the shelving supported thereon; and fourth, to provide a pivotal strut-like support for shelving held in required firm position by means of a wire connection having a swivel attachment and a connection with the standards in which the wires are formed into twists beyond the standards, and against which twists of said wire connection one end of the shelving rests, and further one of the terminals of said supports bearing against pins respectively, supporting and positioning said pivotal supports against displacements, while the shelving rests on the wire connection thereof.

My invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof, in which—

Figure 1, is a side elevational view of a store shelving in different widths, arranged as upper and lower shelves in connection with vertical standards, embodying main features of my present invention. Fig. 2 is a front elevational view thereof; and Fig. 3, is an enlarged broken sectional detail of a hollow standard with the openings therein for headed-pins, the wire spanning the standard and formed into twists beyond the embrace of said standards and forming one of the terminals for the supported shelving and one member of the crossed pivotal strut-like support of Fig. 1, formed into a point arranged to engage the body of the said pin adjacent to the head thereof.

Referring to the drawings *a*, is one of the hollow standards inserted into a flanged socketed base *a*¹, of the type preferably as

fully illustrated in Figs. 1 and 2. In the hollow standards at suitable distances apart are preferably formed openings *a*², for inserting headed pins or bolts *a*³, therethrough. *b*, are strut-like supports pivoted at *b*¹, to each other. Each of these strut-like supports at one extremity are pointed as at *b*², and at the opposite extremity curved outward at *b*³, and having rounded grooved ends *b*⁴.

*b*⁵ and *b*⁶, are wires embracing the hollow standards *a*, and formed into a twist *b*⁷, beyond the same, and each of the said wires *b*⁵ and *b*⁶, are in connection with a swivel attachment *b*⁸, for tightening the said wire sections *b*⁵ and *b*⁶, from the standard *a*, in connection with the curved extremital portion *b*³, of the strut-like supports and engaging in the rounded grooved ends *b*⁴, thereof, as fully or clearly shown in Fig. 1, so as to hold the said strut-like supports firmly in position, and so that the upper wire *b*⁵, may support the shelving *c*, with the rear extremity of the same resting against the twists *b*⁷, of the section of the wire *b*⁵. It will thus be observed that after dismounting the shelf *c*, the strut-like support *b*, by loosening the swivel attachment *b*⁸, can be readily infolded and as readily thereby released from its supported connection from the insert pins of the vertical standard *a*, and the latter removed from its socketed base *a*¹. It will also be observed that all parts of the above defined structure may be readily assembled as well as taken apart. Also that such a constructive arrangement of a shelving is highly sanitary, as well as conveniently shiftable for re-positioning, in another section or portion of a store, without general disorganization thereof.

Having thus described the nature and objects of my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A store shelving, comprising a standard having removable pins, a strut-like support in connection with said pins, wires embracing said standards and engaging certain members of said strut-like support and a swivel attachment in connection with said wires for tightening the same so as to maintain the support in operative connection from said standards and a shelf supported in required position by one of the wires held taut in connection with said support by said swivel attachment.

2. A store shelving, comprising a standard

having removable pins, a strut-like support in detachable connection with said pins and with wires having a swivel attachment for tightening the same from said standards and
5 a shelf maintained in position by said support when the wires in connection therewith are drawn taut by said swivel attachment.

3. A store shelving, comprising standards having removable pins, a strut-like support
10 having pointed ends and outwardly curved and grooved ends, wires connected with said

standards and having swivel connections and said wires engaging the grooved ends of said support and the pointed ends engaging said pins.

In witness whereof, I have hereunto set my signature in the presence of the two subscribing witnesses hereto.

BENJAMIN T. B. HYDE.

Witnesses:

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EDWARD C. LOOKER, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."