

(No Model.)

A. F. C. GARBEN.
KNOCKDOWN ADJUSTABLE SHELVING.

No. 438,741.

Patented Oct. 21, 1890.

Fig 2

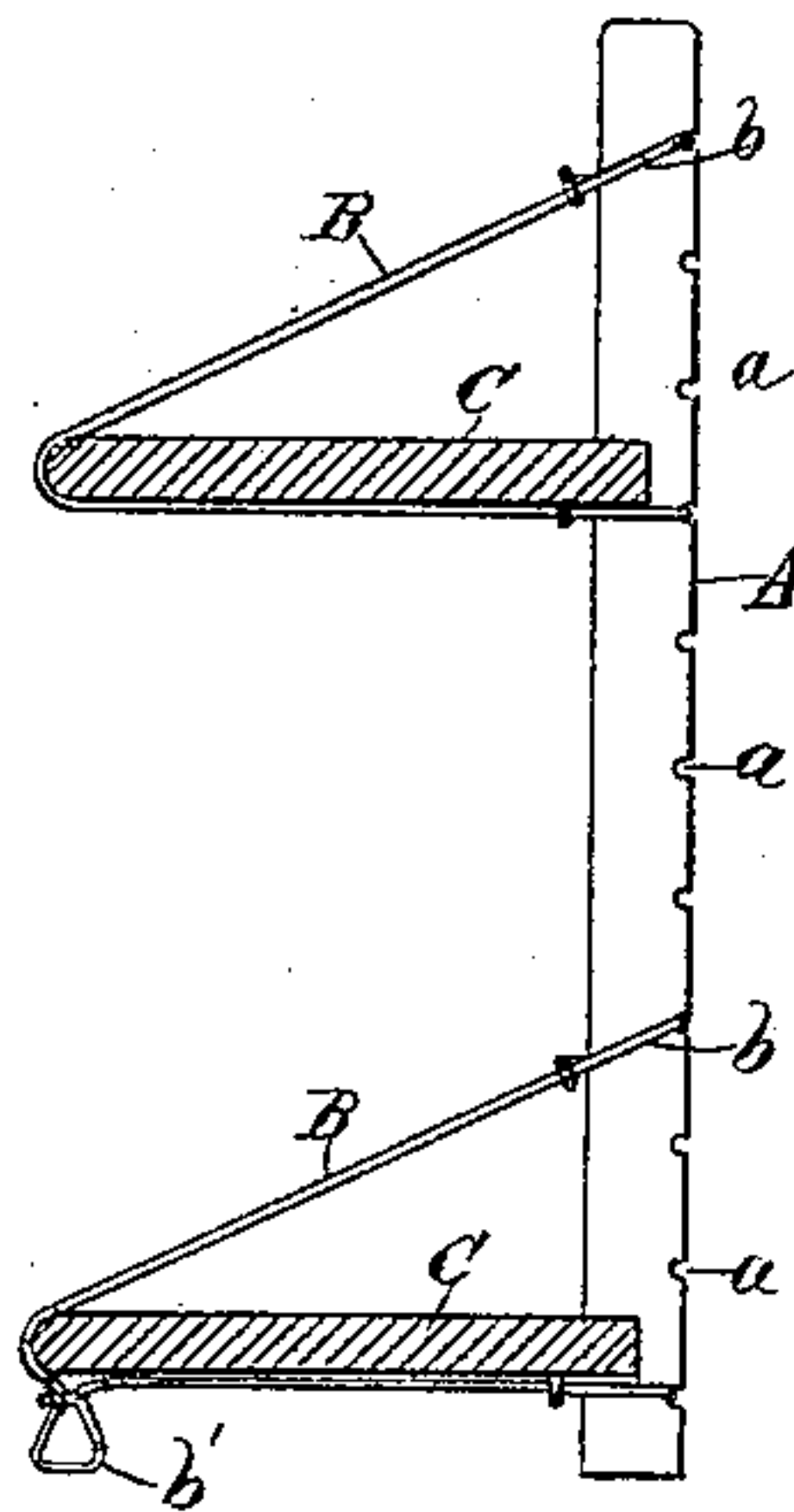


Fig. I.

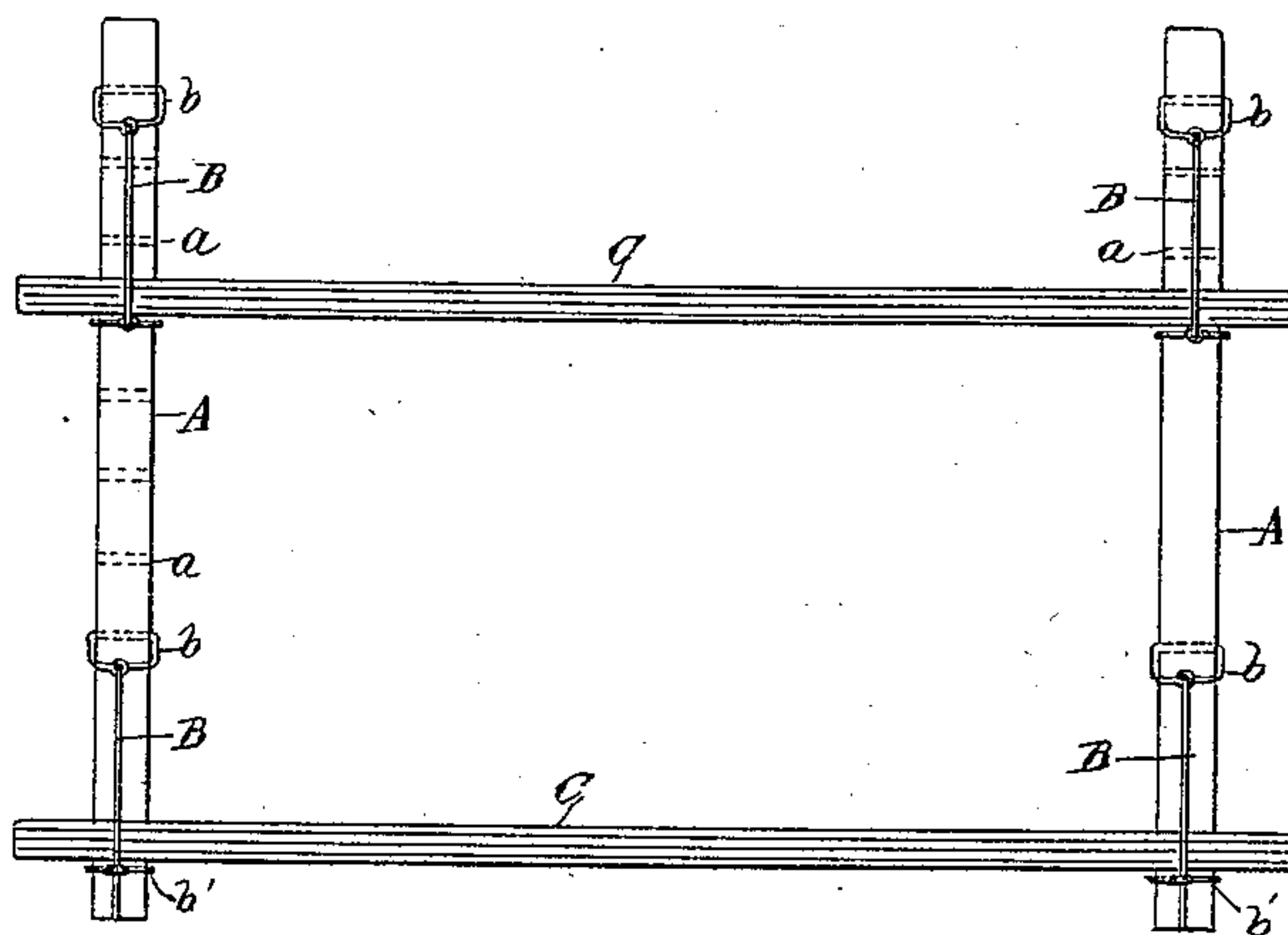
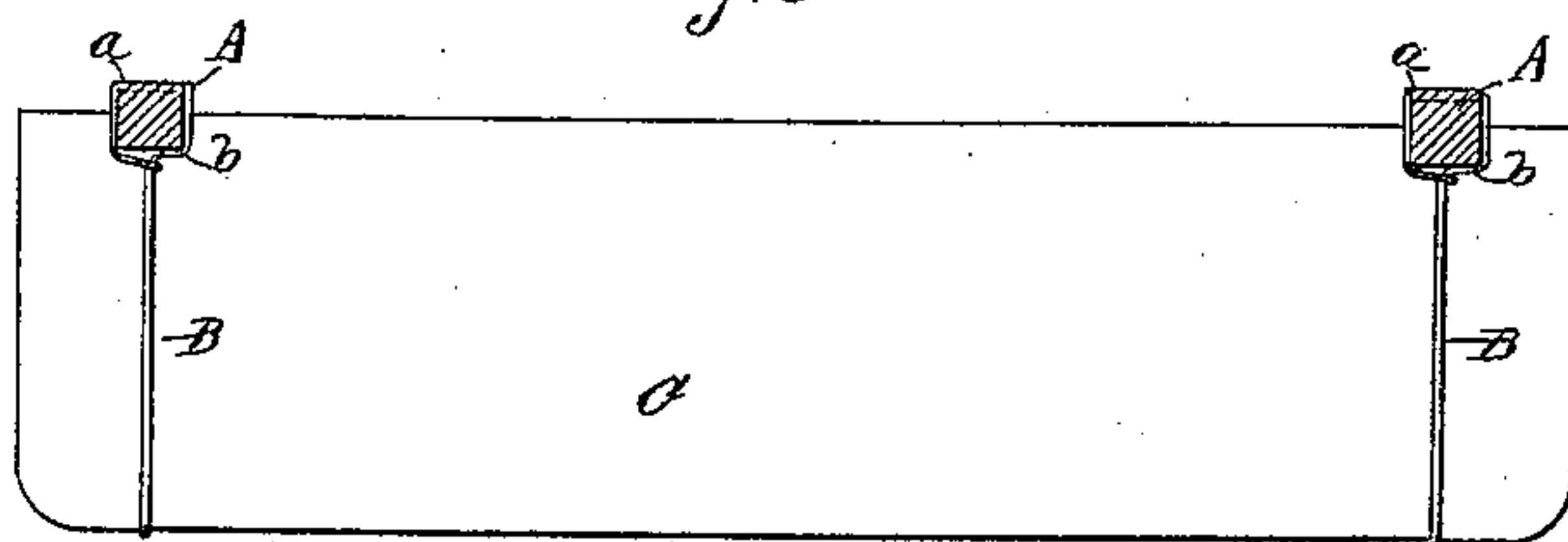


Fig. 3.



Witnesses
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By his Attorney
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UNITED STATES PATENT OFFICE.

ADOLPH F. C. GARBEN, OF MINNEAPOLIS, MINNESOTA.

KNOCKDOWN ADJUSTABLE SHELVING.

SPECIFICATION forming part of Letters Patent No. 438,741, dated October 21, 1890.

Application filed July 27, 1889. Serial No. 318,818. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH F. C. GARBEN, a citizen of the United States, and a resident of the city of Minneapolis, county of Hennepin, State of Minnesota, have invented a certain new and useful Knockdown Adjustable Shelving, of which the following is a specification, reference being had to the accompanying drawings.

My invention has for its object to provide a simple and cheap system of adjustable knock-down shelving; and it consists in the construction disclosed in the following description and claim.

In the drawings, Figure 1 is a front elevation; Fig. 2, an end view, and Fig. 3 a plan of my invention.

A are standards, provided with suitable shelf-support seats *a*. These may be, as shown, notches on the back of the standard.

B is the shelf-support, and C is the shelf. The shelf-support is preferably composed of wire bent upon itself into the form of an angular bracket, and is provided with loops or hook-like angular extensions *b* on its free ends, adapted to fit freely over the standards and engage with the support-seats, one above and the other below the shelf. The shelf-support is in shape a right-angled triangle. The shelf rests on the horizontal arm or base of the shelf-support and bears against the face of the standard. The rear edge of the shelf is preferably notched or cut away to fit

the standards, this construction preventing lateral displacement. The notches or other support-seats on the standards are sufficient in number to enable the shelves to be placed at any desired distance apart.

The operation is evident. When the parts are in position, the weight of the shelf and any load which it may carry will hold the support firmly in position, while by removing the load and disengaging the loops from their seats the supports and shelves may be adjusted, as desired, or the whole be knocked down and packed into small compass for shipment.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

Knockdown adjustable shelving consisting of standards provided with seats, a shelf-support composed of wire bent upon itself into the form of an angular bracket and provided with angular hook-like extensions on its free ends, adapted to fit freely over the standards and engage the seats thereof, and a shelf supported by said brackets, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of March, 1889.

ADOLPH F. C. GARBEN.

In presence of—

JAS. F. WILLIAMSON,
EMMA F. ELMORE.