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H. T. SORRELL.

SHELF BRACKET.

APPLICATION FILED JAN. 3, 1907.

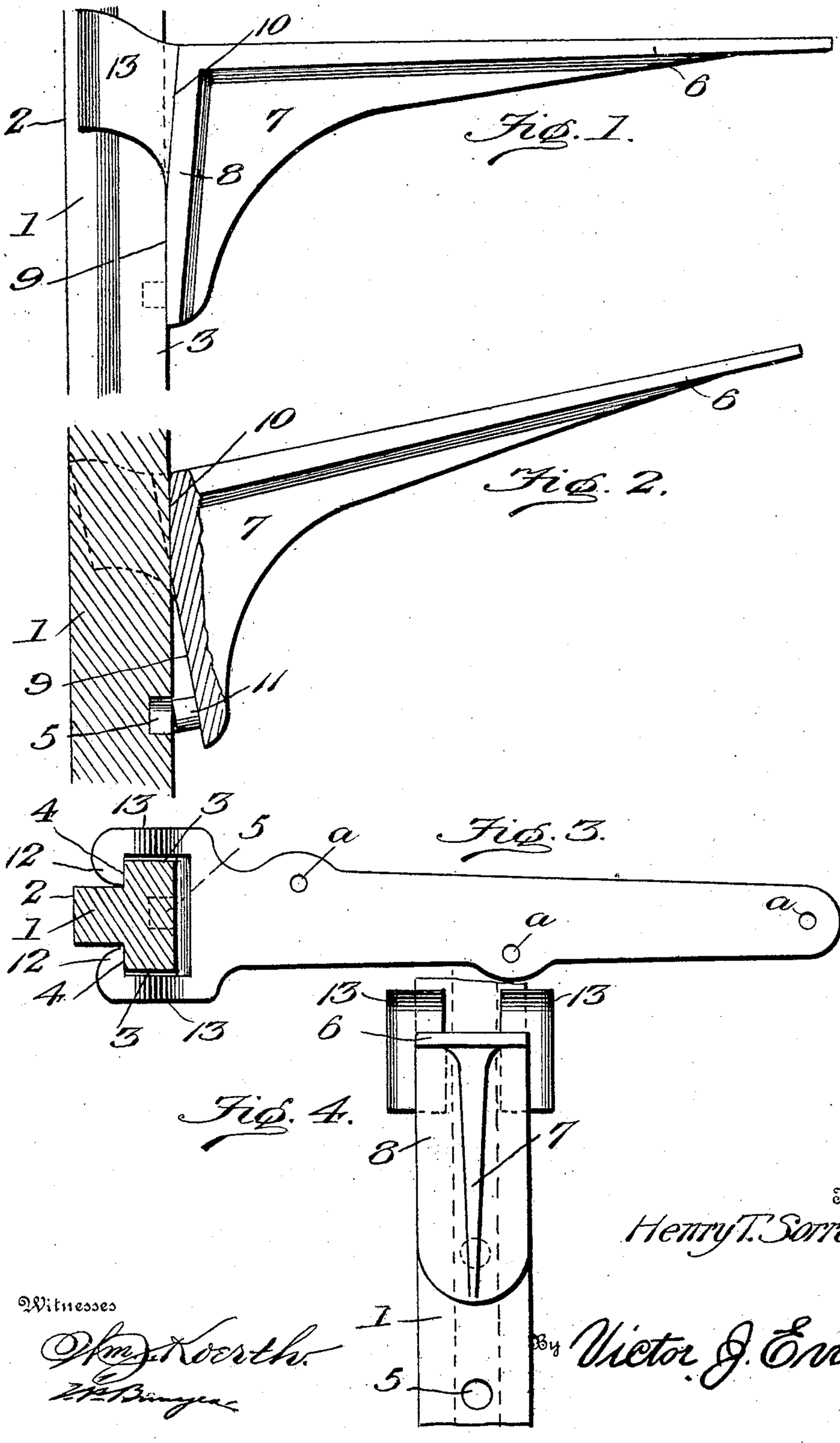

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

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SHELF-BRACKET.

No. 855,994. Specification of Letters Patent. Patented June 4, 1907.

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To all whom it may concern:

Be it known that I, HENRY T. SORRELL, a citizen of the United States of America, residing at Baltimore, in the State of Maryland, have invented new and useful Improvements in Shelf-Brackets, of which the following is a specification.

This invention relates to shelf brackets, and one of the principal objects of the same is to provide a shelf bracket which can be quickly adjusted to any required vertical position upon a supporting bar, and in which the supporting lugs for the bracket are extended above the horizontal plane of the bracket top.

Another object of my invention is to provide an adjustable bracket for shelves with comparatively long supporting lugs extending above the horizontal plane of the bracket, a sustaining lug at the lower portion of the bracket and the rear face of the bracket being provided with an inclined upper portion to permit the withdrawal of said sustaining lug from the supporting bar to permit the bracket to be readily adjusted vertically upon said bar.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a side elevation of a bracket made in accordance with my invention, said bracket shown in adjusted position. Fig. 2 is a side elevation and partial section of the same showing the bracket tilted to a position for adjusting the sustaining lug upon the supporting bar. Fig. 3 is a plan view of a bracket and a sectional view of the supporting bar, said bracket being of slightly modified form. Fig. 4 is a front elevation of the bracket and supporting bar.

Referring to the drawing for a more particular description of the invention, the numeral 1 designates the supporting bar adapted to be secured to a wall or other suitable support and provided with a vertically disposed flange 2, and laterally projecting portions 3 provided with inwardly extending shoulders 4. In the front face of the supporting bar a series of sockets 5 are provided.

The bracket consists of a plain supporting flange 6 and a downwardly extending brace rib 7, said brace rib extending from a point near the outer end of the supporting flange 6 to the vertical bearing portion 8, said bearing portion having a plain bearing surface 9 and an inclined upper portion 10. A stud 11 projects from the bearing surface 9 at a point near the lower end of the bracket. The supporting lugs 12 are inwardly disposed and are formed upon spaced arms 13 which curve upwardly from the inclined surface 10, the upper ends of said lugs and arms 13 lying above the plane of the supporting flange 6, as shown more particularly in Fig. 1.

When it is desired to adjust the bracket upon the supporting bar, the bracket is tilted to the position shown in Fig. 2, so that the inclined surface 10 bears against the supporting bar, and the stud 11 is withdrawn from the socket 5. The bracket may then be adjusted vertically to any required position upon the supporting bar 1. When the stud 11 is inserted in the socket 5, the inclined portion 10 of the bracket does not bear against the front face of the supporting bar.

The bracket 6 may be provided with a series of apertures *a* for the purpose of securing the shelf thereto.

From the foregoing it will be obvious that when the bracket is in adjusted position the lugs 12 extend above the horizontal upper surface of the bracket, and that said lugs are of considerable length and are located at opposite sides of the bracket. The result of this construction is that the bracket is supported at a point above its face and at opposite sides of its edges.

Having thus described the invention, what I claim is:

1. A shelf bracket provided with an inclined portion upon its bearing face, a stud projecting from the bearing face of the bracket, and oppositely disposed lugs extending inward from arms projecting backward from the bracket, said arms being disposed above the upper face of the bracket, in combination with a supporting bar having laterally extending flanges and sockets in its front face to accommodate the stud on the bracket.

2. A shelf supporting bracket, comprising

a supporting flange, a centrally disposed brace rib under said flange, said rib having a bearing face provided with an inclined upper surface, a stud formed on the inner surface of the lower end of said bracket, upwardly projecting arms provided with inwardly extending lugs, the upper portions of said arms extending above the surface of the bracket flange, and a supporting bar for said bracket.

In testimony whereof, I affix my signature in presence of two witnesses.

HENRY T. SORRELL.

Witnesses:

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