

No. 749,291.

PATENTED JAN. 12, 1904.

J. T. HICKS.
DIFFERENTIAL WINE SHELF.
APPLICATION FILED MAY 9, 1903.

NO MODEL.

Fig. 1.

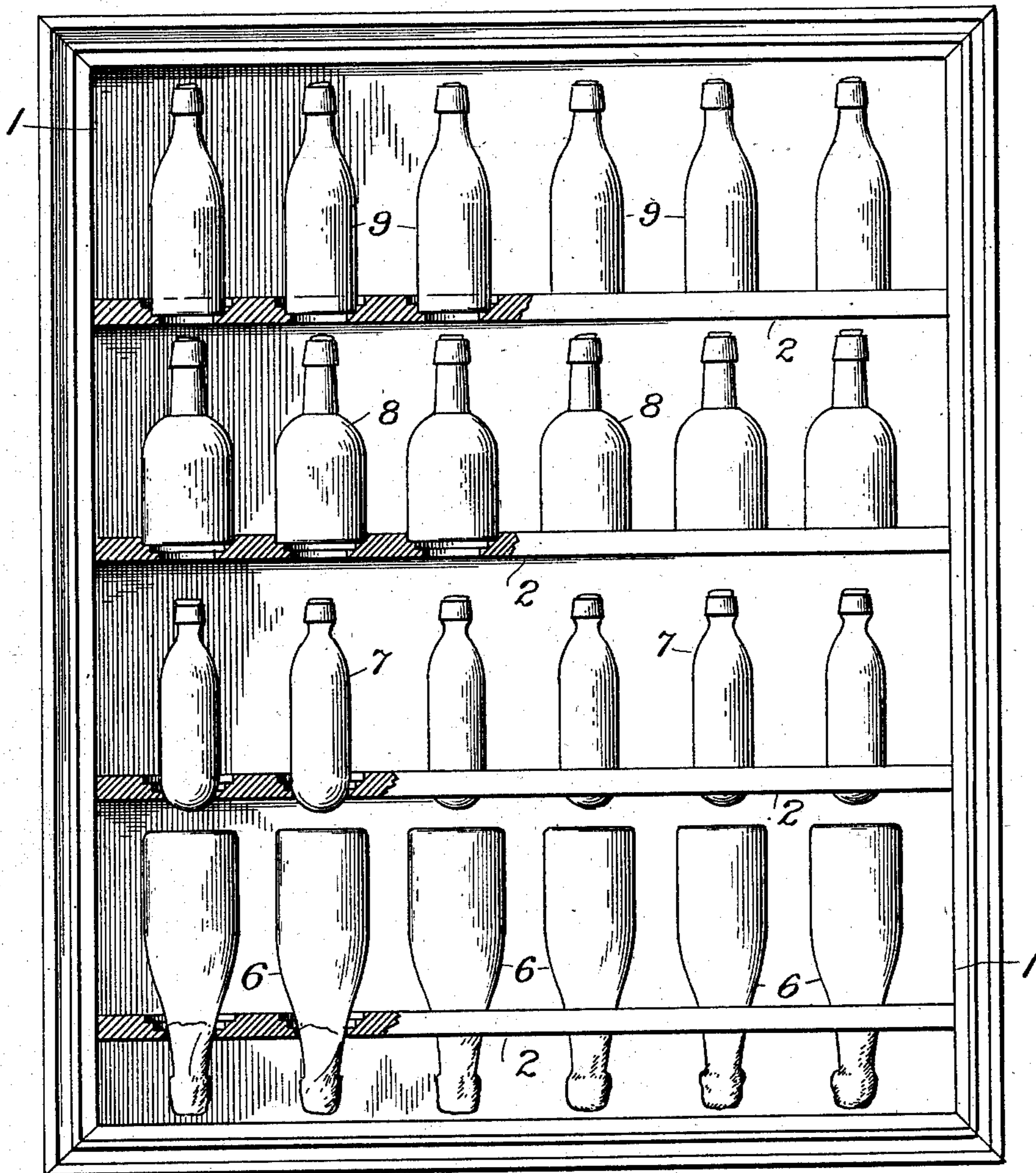
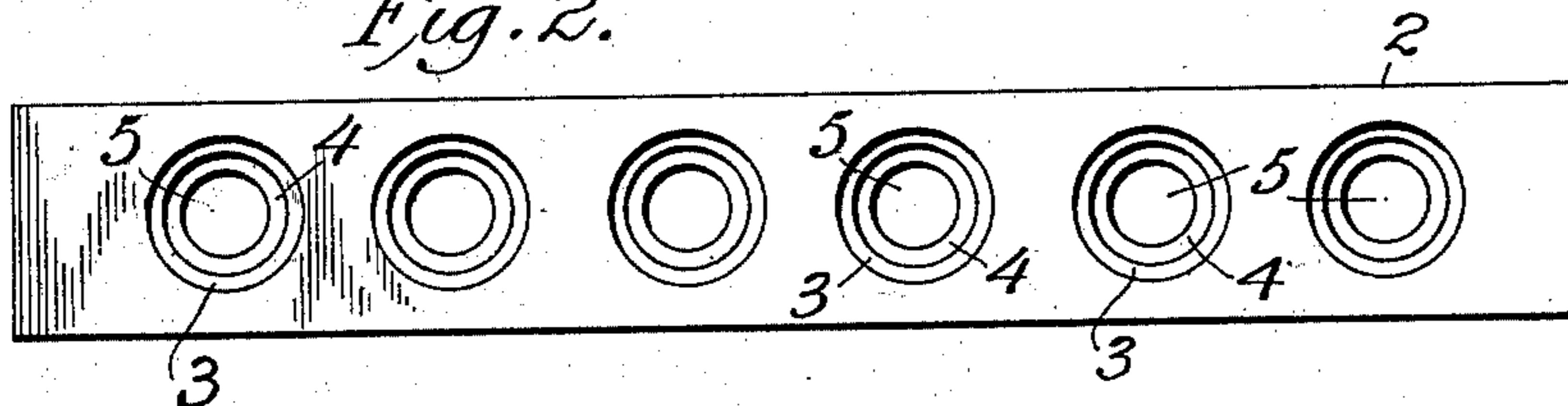


Fig. 2.



Witnesses
James F. Duhamel.
A. E. Samuels.

Inventor
John Tyler Hicks!
By his Attorney Fred E. Parker.

UNITED STATES PATENT OFFICE.

JOHN TYLER HICKS, OF MEDFORD, MASSACHUSETTS.

DIFFERENTIAL WINE-SHELF.

SPECIFICATION forming part of Letters Patent No. 749,291, dated January 12, 1904.

Application filed May 9, 1903. Serial No. 156,496. (No model.)

To all whom it may concern:

Be it known that I, JOHN TYLER HICKS, a citizen of the United States of America, and a resident of Medford, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Differential Wine-Shelves, of which the following is a specification.

This invention has reference to a novel and useful shelf for carrying bottles in sideboards, pantries, refrigerators, ice-boxes, wine-cellars, and the like, the object being to enable bottles of different sizes and shapes to be firmly supported; and the invention consists in a shelf or surface having differential seats susceptible of receiving bottles of different kinds and in numerous details and peculiarities thereof, substantially as hereinafter described and claimed.

In the annexed drawings, illustrating my invention, Figure 1 is a front view of a cupboard provided with my improved wine-shelf. Fig. 2 is a plan view of the shelf.

Like numerals of reference denote like parts in both figures of the drawings.

1 denotes a shelf-case, cupboard, sideboard, or the like provided with shelves 2; but it will be understood that this improved shelf may be utilized in connection with any kind of a case or support.

The shelf 2 is intended to hold bottles of liquors, liquids, fluids, or mineral waters of varying sizes and shapes, and in order that it may be generally applicable as a firm and steady support for all these different styles of bottles I provide it with differential seats 3 and 4 and openings 5.

6 denotes a champagne-bottle; 7, a ginger-ale bottle; 8, a bottle of another shape, and 9 a bottle of still different form. The diameter of the body of bottle 9 is such that the bottom is readily accommodated in the seat 4, and the diameter of the body of bottle 8 is so large that

it requires a larger seat 5. The champagne-bottles 6 may be reversed and have their necks inserted in the openings 5. The ginger-ale bottle 7, having round ends, may also be supported in the openings 5. Thus it will be seen that the shelf 2 is provided with a series of orifices or round holes 5, around which is arranged a series of seats or shoulders 3 and 4, like a pair of steps, being circular and concentric with each other and with the hole 5, it being evident that there may be any desired number of these seats to accommodate differently-sized bottles.

With this shelf the bottles will always be symmetrically disposed, and hence will invariably present to the eye a neat appearance. Also one can tell at a glance the number of bottles on the shelf or in the case, for each shelf will hold only so many.

Many changes and variations in the precise form of the invention may be made without departing therefrom.

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

1. A shelf for bottles, the same having a differential step-like seat for the bottles.

2. A shelf for bottles having concentric seats arranged in a series of steps around an opening for bottles of different sizes.

3. A shelf having an opening provided with a plurality of concentric shoulders forming seats.

4. A shelf having a plurality of openings each surrounded with concentric seats of different diameters and arranged in a step-like manner.

Signed at Boston, Massachusetts, this 2d day of May, 1903.

JOHN TYLER HICKS.

Witnesses:

WINFIELD F. PRIME,
SELWYN Z. BOWMAN.