(No Model.)

D. R. BRADLEY.

STAND FOR BOTTLES AND FLASKS.

No. 288,617. Patented Nov. 20, 1883.

Fig. 1.

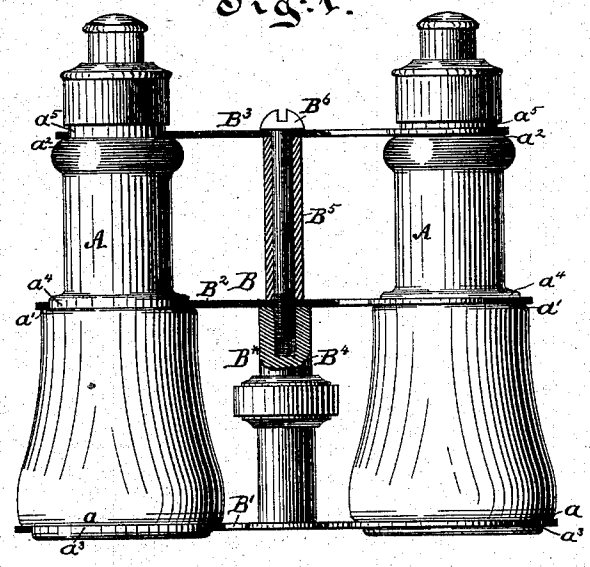


Fig. 2.

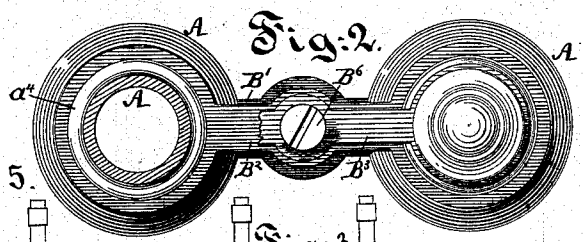


Fig. 5.

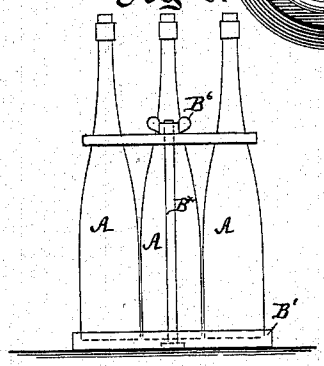


Fig. 3.

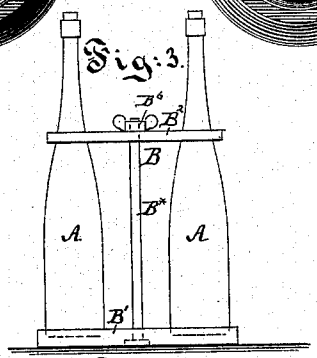


Fig. 7.

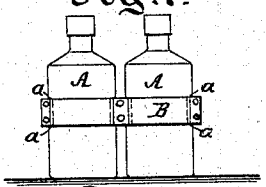


Fig. 6.

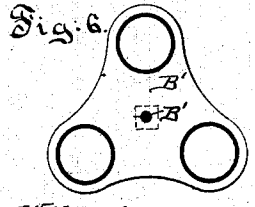


Fig. 4.



Fig. 8.



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UNITED STATES PATENT OFFICE.

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STAND FOR BOTTLES AND FLASKS.

SPECIFICATION forming part of Letters Patent No. 288,617, dated November 20, 1883.

Application filed September 27, 1883. (No model.)

To all whom it may concern:

Be it known that I, DANIEL R. BRADLEY, of the city, county, and State of New York, have invented certain new and useful Improvements in Stands for Flasks and Bottles; and I do hereby declare that the following is a full and exact description thereof.

My invention consists in the arrangement of two or more flasks or bottles in a frame composed of one or more transverse bridges in such a manner that said flasks or bottles are rigidly and permanently held against any displacement with reference to each other until the frame is intentionally or accidentally disturbed.

I will first describe what I consider a very complete form of the invention as applied to perfumery-flasks, and will subsequently point out various modifications in the construction, and the correspondingly and also independently varying uses of the device.

In the accompanying drawings, which form a part of this specification, Figure 1 is a front elevation, partly in section, showing two perfume-flasks united according to my invention. Fig. 2 is a plan, partly in section, of Fig. 1. Figs. 3, 5, and 7 are elevations showing modifications. Figs. 4, 6, and 8 are sectional plans of Figs. 3, 5, and 7, respectively.

Referring to Figs. 1 and 2, A A are two flasks formed with shoulders a a' a^2. These flasks are united by means of a frame, which, as a whole, I will designate B, and which is composed of three transverse bridges, B′ B^2 B^3, and a central post composed of several pieces, as will be seen farther on, but which, as a whole, I will designate B*. The bridges B′ B^2 B^3 are formed with circular openings, in which are received the contracted cylindrical portions a^3 a^4 a^5, adjacent to the shoulders a a' a^2 of the bottles A A, as will be understood. B^4 is the lower part of the post B*. It is riveted or otherwise firmly secured to the bridge B′, and its upper end abuts against the under face of the bridge B^2. Between the bridges B^2 B^3 extends the hollow cylindrical portion B^5, its ends abutting against the upper and under faces, respectively, of the bridges B^2 B^3. The screw B^6, the head of which bears against the upper face of the bridge B^3, and which is screwed into the upper portion of post B^4, serves to firmly hold all the parts in place.

It will be noticed that, provided the various parts be properly proportioned, on securing the screw B^6, the bridges B′ B^2 will be brought to bear against the shoulders a a', respectively, and the bridge B^3 will be caused to bear against the shoulders a^2, and in this manner a permanent and rigid union of the several parts of the device is secured, allowing said device to be used and handled without any possible danger of separating its component parts.

Many modifications may be made in carrying out my invention without departing from the principles thereof or without sacrificing any or all of its advantages. The flasks or bottles may be of glass, porcelain, or other suitable material. The framing may be of metal or of wood, or partly of metal and partly of wood. The dimensions of the device and the shape of its component parts may be varied within wide limits, and the flasks or bottles may be adapted to contain various liquids, such as perfumes, wines, liquors, and even powders or pulverous substances.

Figs. 3 and 4 represent two wine-bottles, A A, united by a frame, B, the lower bridge, B′, of which is not formed with openings, but simply with circular depressions, in which the bottoms of the bottles are set, said bottles being held in place by means of the second bridge, B^2, formed with openings for receiving the necks of the bottles, and held down upon these necks by means of the thumb-nut B^6, screwed upon the post B*.

Figs. 5 and 6 show three bottles united in a manner similar to that shown in Figs. 3 and 4.

In Figs. 7 and 8 the frame B is represented by a single bridge of considerable width, embracing the bottles A A, at contracted portions of their bodies, between the offsets a.

It will be understood that I do not claim the setting of bottles in transverse bridges, such as is the case in casters, where every individual bottle can be readily removed from the bridge and from its position with relation to the other bottles. On the contrary, according to my invention, the flasks or bottles are intended to remain undisturbed in their position in the frame under all ordinary circumstances, both when in use and when out of use.

I claim as my invention—

1. The combination, with two or more flasks

or bottles, as A, of a frame, as B, rigidly connecting the same with their bottoms in one plane, substantially as specified.

2. The combination of two or more bottles or flasks having shoulders or offets, as *a*, with a transverse bridge or bridges arranged to bear against said offsets and to rigidly unite said bottles, substantially as specified.

3. In combination with two or more bottles, two bridges uniting said bottles in planes between which the bottles are of such form as to prevent the closer approach toward each other of said bridges, and means for preventing the separation of the bridges, substantially as herein specified.

4. The combination of the bridge B′, carrying the post B^4, bridges B^2 B^3, hollow cylindrical part B^5, and screw B^6, all arranged and capable of uniting two bottles or flasks, substantially as and for the purposes herein specified.

5. The flasks A A, having shoulders *a* *a*′ a^2, in combination with the bridges B′ B^2 B^3, posts B^4 B^5, and screw B^6, all arranged and serving substantially as herein specified.

DANIEL R. BRADLEY.

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