RACK STRUCTURE FOR CUP OBJECTS

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ABSTRACT

The creation is a rack structure for cup objects, which is mainly: a rod means with a frame symmetrically arranged on both sides, wherein the rod means is provided with multiple connected oblique rod segments, spaces are formed between oblique rod segments on both sides, a projection is formed at the bottom of each oblique rod segment, a lever is arranged between adjacent projections on both sides such that cup objects may be placed in the spaces, the two sides of the cup object may be locked by the oblique rod segment, the bottom may be retained at the lever, to achieve the effect that multiple cup objects may be arranged in order vertically, and the cup objects have upward oblique angle formed by oblique rod segments without falling and conveniently for access.
RACK STRUCTURE FOR CUP OBJECTS

FIELD OF THE INVENTION

[0001] The invention relates to a rack structure for cup object, particularly to a rack arranging multiple cup objects with oblique angles vertically to achieve the effects of orderliness, fixing and convenience to access.

DESCRIPTION OF THE PRIOR ART

[0002] Small cup shaped package are used for cream, cream ball and coffee. For conventional method for placing cup object, “bag”, “box” and “case” are used. Specifically, multiple cup objects are placed in a “bag” or “box”. There are the following problems: (1) multiple messy placements will cause untidiness and non-beauty, and mutual collision and extrusion that will result in recession, deformation or breaking; (2) the access is always from the top layer and the replenishment is also at the top layer such that the lower layer cannot be accessed that results in overdue situation; (3) it is inconvenient in use because the closed bag or box has to be opened for access every time.

SUMMARY OF THE INVENTION

[0003] The creation improves the conventional shortages mentioned above with major technology and the purpose as: a rod means with a frame symmetrically arranged on both sides, wherein the rod means is provided with multiple oblique rod segments, a lever is connected between the oblique rod segments on both sides to form spaces in which cup objects may be placed, and the multiple cup objects may be arranged in order without falling with the lever and the oblique rod segments and the access is convenient because the cup objects are upward with an oblique angle due to the oblique rod segments.

BRIEF DESCRIPTION OF THE DRAWINGS

[0004] FIG. 1 is a perspective view of the creation
[0005] FIG. 2 is a side view as the creation is under use.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0006] Refer to FIGS. 1 and 2, they show a rod means with a rack 10 arranged symmetrically on both sides, the rod means is provided with multiple oblique rod segments 11 connected vertically, a projection 12 is formed at the bottom of each oblique rod segment 11, a lever 13 is connected between the projections 12 of two oblique rod segments 11 of the rod means, such that a structure with multiple spaces 14 arranged vertically is formed.

[0007] According to the structure above, the following effects and advantages are available. Refer FIGS. 1 and 2 again, each space 14 may have one cup object 20 placed therein, a cup cover 21 of the cup object 20 may be locked at the oblique rod segments 11 on both sides, and the cup cover 21 may be locked at the lever 13, such that the cup object 20 will not fall. Therefore, multiple cup objects 20 may be arranged vertically in order. Furthermore, it is convenient for access to ensure no dropping because the cup objects are upward with an oblique angle due to the oblique angle of the oblique rod segments 11.

[0008] In summary, the structure of the invention does be very practical with improved effect to meet the principle of new model patent. Please approve the application of the patent.

What is claimed is:

1. A rack structure comprising:
a rod means with a frame arranged symmetrically on both sides, wherein the rod means is provided with multiple oblique rod segments connected vertically, each said oblique segment has a projection formed at the bottom thereof,
a lever connecting the projections of two oblique rod segments of the rod means, wherein multiple spaces are formed vertically for cup objects to be placed therein, and wherein the cup objects are positioned without dropping and having an upward oblique angle with the rod segments and the lever.

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