Aug. 15, 1967 G. HILLS 3,335,870

CYMBAL DISPLAY DEVICE

Filed Aug. 31, 1965

FIG. 1.

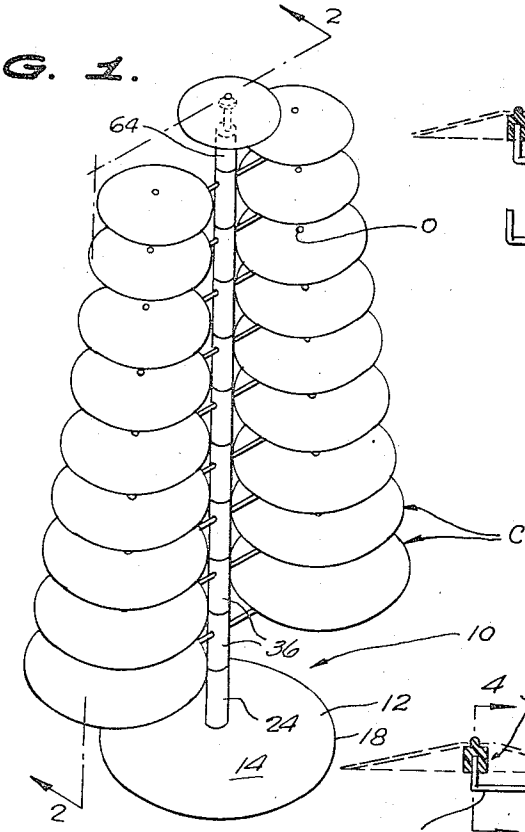


FIG. 2.

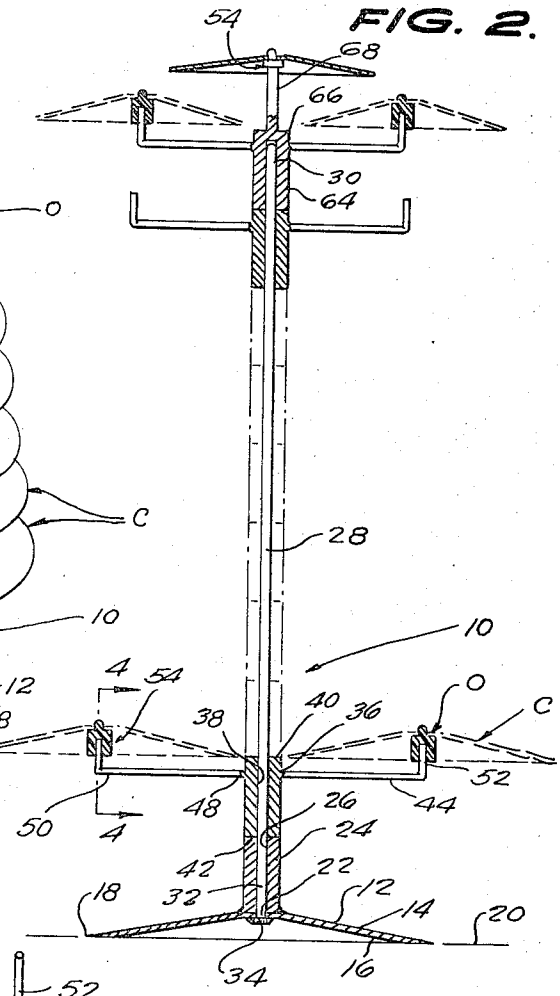
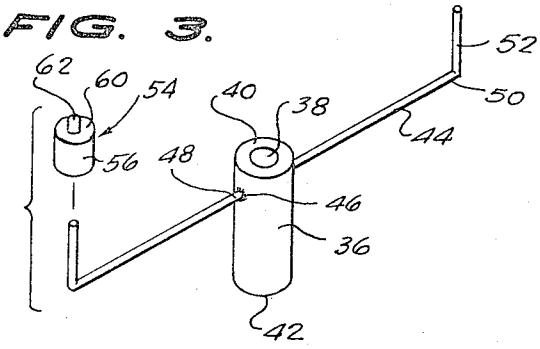


FIG. 3.



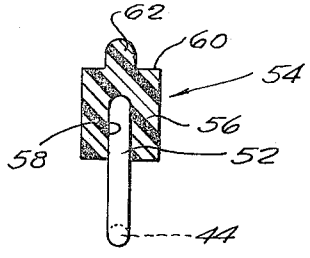


FIG. 4.

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CYMBAL DISPLAY DEVICE

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ABSTRACT OF THE DISCLOSURE

A display device for objects having openings therein, the device including an upright standard assembly and a plurality of outer arms each having a support element engaged in the opening of one of the objects.

This invention pertains to a display device in the form of upstanding support means with laterally extended elements, and more specifically, to one wherein the elements are particularly adapted for use in the display of percussion type musical instruments such as cymbals in stores, or the like.

In the offering for sale of musical instruments and the like, such as cymbals, it is customary to store the cymbals by stacking on shelves, in cabinet drawers, or in packages. These practices are objectionable because the tonal qualities of the cymbals cannot readily be tested by a prospective purchaser, and because they result in handling of the instruments, resulting in fingermarks thereon. It is therefore a basic object of this invention to overcome the aforesaid objections and to provide a display device wherein the articles to be displayed are arranged in convenient and accessable location for testing by a customer with only a minimum of handling.

Another objective of the invention is to provide a support for discoidal objects, providing a means for removably supporting the objects with respect to the support.

A further object resides in the provision of a device of the character described providing an attractive, novel, and interesting display for articles such as cymbals, and one which displays a maximum number of such articles in a minimum amount of space.

Yet another objective is to provide a rotatable display for disc shaped objects which is of balanced construction, and one which is readily rotated. A related advantage is to supply a cymbal supporting structure which is unlikely to tip over in use.

Still another object resides in the provision of an article display device of the kind described supra which is non-complex in construction and assembly, inexpensive to manufacture, and durable in use.

Other and further objects and advantages of the invention will become apparent to those skilled in the art upon consideration of the following specification, when read in conjunction with the annexed drawings, in which:

FIGURE 1 is a perspective view showing a display device constructed and assembled in accordance with the teachings of this invention;

FIGURE 2 is an enlarged sectional view taken substantially on section line 2—2 of FIGURE 1, looking in the direction of the arrows;

FIGURE 3 is a detail perspective view of a support unit hereof, disassembled; and

FIGURE 4 is an enlarged sectional view taken substantially on the section line 4—4 of FIGURE 2, looking in the direction of the arrows.

Referring to the drawing in greater detail, a display device within the scope of the present invention is shown therein and generally identified by reference number **10**. The device **10** is of general utility as a display support, and additional uses will occur to those skilled in the art. Moreover, the device **10**, as disclosed herein, finds particular advantage in the display of percusion type musical instruments, such as cymbals. These instruments generally comprise concave-convex discs with substantially central openings therein by means of which they are clamped in a musical instrument for ultimate use.

The support **10** hereof comprises an enlarged base plate **12** having an upper side **14**, lower side **16**, and a peripheral edge **18** which rests on a floor **20** or other supporting surface. The plate **12** has a central aperture **22** formed therein and extending from side-to-side. A substantially cylindrical sleeve **24** is fixedly secured to the upper side **14** of the base plate about the central aperture **22**, in upstanding position. The sleeve **24** has a vertical bore **26** therein co-axial with the opening **22**.

The support **10** further includes an elongated rod member **28** having upper and lower ends **30**, **32**, respectively, and having an enlarged stop member **34** fixed to its lower end. The rod **28** extends through the bore **26** and aperture **22**, and the stop member **34** is fixed to the lower side **16** of the plate, thereby supporting the rod in an upright position with respect to the base **12**.

As shown in FIGURES 1 and 2, a plurality of tubular pipe members **36** are provided, each comprising a body section with a vertical passageway **38** formed therein of sufficient diameter to permit pipe members to fit about the rod **28**. The pipe members further have top edges **40** and bottom edges **42**, and are adapted to stack upon one another on the rod in a series. Each pipe member has at least two diametrically opposite outward arms **44** thereon, the arms being connected to the members by welds **46** at their inner end, **48** and having outer end, **50**. The ends **50** terminate in substantially right angular upturned end sections **52**. The arms **44** of each individual pipe member are equal in length, but as will be observed in FIGURE 1, the arms length, of succeeding pipe sections are preferably of sequentially declining length, from the lowermost pipe of the series to the uppermost one thereof, whereby a tree-like appearance results, and whereby larger articles are storable near the base with smaller articles arranged adjacent to the top, contributing to the stability of the support in use. Each pipe member is freely rotatable about the rod **28**, with the arms **44** providing a means for gripping of the members for rotation.

Each of the end sections **52** is provided with a cymbal support element **54**, as shown in FIGURE 4. The elements **54** are formed of a resilient material, such as plastic or rubber, and include a body section **56** with a cavity **58** formed therein to receive and frictionally grip the sections **52**. Projecting from the upper end **60** of each body section is a reduced tip **62** for a purpose appearing below.

The upper end **30** of the rod **28** is encased by a top pipe section **64** of generally similar construction to the pipe section **36** described above. The top section is characterized by a closed top **66** with an axially projecting leg **68** to which is fitted one of the support elements **54**.

In the employment of the hereinbefore described apparatus to support cymbals C, the larger cymbals are located on the more elongated arms **44** adjacent to the base **12**, with the remaining cymbals placed in sequentially declining order in respect to their diameters. The tips **62** of the elements **54** extend through the cymbal openings O and frictionally grip the same. A prospective purchaser may thus test the tonal quality and otherwise inspect any one of the displayed items without directly handling the item itself.

Having described and illustrated an embodiment of this invention in some detail, it will be understood that this description and illustration is offered merely by way of example, and that the invention is to be limited in scope only by the appended claims.

What is claimed is:

1. A display device for objects with openings therein, the display device comprising:

a supporting base;

upright rod means connected to the supporting base and projecting upwardly therefrom;

a plurality of pipe means associated with the rod means, the pipe means having a plurality of outward arms thereon;

the pipe means spacing the outward arms vertically from one another;

the outward arms each having a terminal end including an end section; and

support elements on the end sections, including reduced tip diameter portions engaged in the openings of the objects.

2. A display device for objects with openings therein, the display device comprising:

an enlarged base plate;

an elongated upright rod secured to the base plate and projecting upwardly therefrom;

a plurality of tubular pipe members with vertically extending passageways therein mounted on the rod with the rod extending through the passageways, and the pipe members being rotatable thereabout;

each pipe member having at least two outward arms fixed thereto;

the outward arms each having terminal ends with substantially right angular end sections; and

support elements on each of the end sections formed of resilient material and having reduced tips engagable in the object openings.

3. A display device as defined in claim 2, wherein:

the outward arms of the respective pipe members are of sequentially declining lengths.

4. A display device for percussion instruments of the cymbal type comprising concave-convex discs having substantially central apertures formed therein, the display device comprising:

an enlarged base plate having an upper side and a lower side and having a central opening formed therein;

a substantially cylindrical sleeve fixed to the upper side in upstanding position, the sleeve having an axially arranged, vertically extending bore formed therein in alignment with the opening, and being located centrally of the plate;

an elongated upright rod extending through the opening and bore of the sleeve and projecting upwardly therefrom;

the rod having upper and lower ends and having an enlarged stop element fixed to its lower end and the lower side of the plate;

a plurality of tubular pipe members with vertically extending passageways therein mounted on the rod, the rod extending through the passageways, and the pipe members being rotatable thereabout;

each pipe member having at least two outward arms fixed thereto in diametrically opposite positions;

the outward arms each having terminal ends with substantially right angular end sections;

a cymbal support element on each section, the cymbal support elements being formed of resilient material and including a body section with a cavity therein to receive and frictionally engage the end section, and a reduced tip engageable with the central aperture of the cymbals;

the outward arms of the respective pipe members being of different lengths, and the pipe members being arranged such that the longer of said arms is adjacent to said base plate, the remaining arms being arranged in sequentially declining order; and

the uppermost one of said pipe members extending above the rod and having an axial extension with one of said cymbal support elements thereon.

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