WEIGHTED BEVERAGE HOLDER FOR HYDRATION AND EXERCISE

Inventors: Beverley M. Taylor, Alpharetta, GA (US); Donald L. Johnson, Atlanta, GA (US)

Correspondence Address:
KNOWLEDGE SHARED, INC.
9433 KINGSTON CROSSING CIRCLE
ALPHARETTA, GA 30022-5506 (US)

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Publication Classification

SAMPLE
Weighted, Insulated, Beverage Holder
Can Style

Weighted Rim
.25 lb.

4.5"

Weighted Circumference
.25 lb.

8-9" circumference

Weighted Handle
1 lb.

Weighted Bottom
.5 lb.

The weighted beverage holder combines the features and benefits of a beverage holder and hand weights by designing a regular sleeve holder, a beverage container, with weight-lifting capabilities. The design and manufacture allows easy can or bottle removal with weight built into the structure and features of the beverage container. The base, handle, and beverage container overall are weighted in a balanced manner so that as the individual drinks, it builds strength in the hands, wrists, hands, forearms, biceps, triceps, and shoulder muscles. The beverage holder will have an ergonomically designed profile to allow natural dynamics of lifting and setting the beverage holder down to fit in average-sized, existing spaces designed to hold drinks.
SAMPLE
Weighted, Insulated, Beverage Holder
Can Style

Weighted Rim
.25 lb.

Weighted Handle
1 lb.

4.5"

8-9" circumference

Weighted Circumference
.25 lb.

Weighted Bottom
.5 lb.
SAMPLE
Weighted, Insulated, Beverage Holder
Bottle Style

- Weighted, Insulated, Beverage Holder
- Bottle Style
- Weighted Rubberized HandGrip
- 8-9” circumference
- Weighted Bottom
- 1 lb.
- 4” W
- 7” H
- .5 lb
- Weighted Circumference (to taper only)
WEIGHTED BEVERAGE HOLDER FOR HYDRATION AND EXERCISE

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

No rights to this invention have been made under federally-sponsored research and development.

THE BACKGROUND OF THE INVENTION

1. Field of the Invention

Two fields of endeavor, exercise and hydration, are involved. Classification definitions include 028 dealing with exercise and 021 dealing with portable beverage coolers and thermal insulated containers for food or beverages.

2. Description of the Related Art

A subsequent search on the USPTO database, searching 1976 to present, using the terms "exercise," "beverage" or "container" or "holder" displayed 9 patents including:

- U.S. Pat. No. 5,620,112 Brown Apr. 15, 1997—An exercise beverage vessel shaped like a barbell. It is considered a novelty item where the drink is poured into chambers. It is not weighted.
- U.S. Pat. No. 5,379,909 Roukk Jan. 10, 1995—A fillable hand-held exercise device with a dual-sided closure and a divider wall at the midpoint to allow each side to be filled (with sand, for instance).
- U.S. Pat. No. 6,457,616 Gagne Oct. 1, 2002—A beltclip-mounted beverage holder to allow for hands-free carrying of a beverage container.
- U.S. Pat. No. 6,471,623 Lin Oct. 29, 2002—A push-up exercise holder that includes a seat and lever to allow upward and downward movement of a body.

BRIEF SUMMARY OF THE INVENTION

The advantages of the invention are many, particularly for fitness, hydration, and rehabilitation. It solves previously existing problems such as carrying weights and a beverage by combining them into one unit. For example, walkers who like to carry weights are also well-prepared to stay hydrated without carrying the beverage elsewhere on their body. The weights may vary to meet the needs of different people and purposes.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of a first embodiment that is a can-style, weighted, insulated beverage holder; and

FIG. 2 is a perspective view of a second embodiment that is a bottle-style, weighted, insulated beverage holder.

DETAILED DESCRIPTION OF THE INVENTION

The weighted beverage holder combines the features and benefits of a beverage holder and hand weights by designing a regular sleeve holder, a beverage container, with weight-lifting capabilities. The design and manufacture should allow easy can or bottle removal and layers of weighted insulation.

The base of the beverage container, beverage handle, and beverage container overall, is weighted in a balanced manner so that as the individual drinks, it will build strength in the wrists, hands, forearms, biceps, triceps, and shoulder muscles. The design of the beverage holder will have a curved profile to allow the natural dynamics of lifting and setting the beverage holder down to fit in spaces designed to hold drinks.

The process of making the invention will be similar to manufacturing for existing beverage holders and existing hand-held weights; however, it is a combined approach.

Combines the features of a beverage sleeve holder, a beverage container, with weight-lifting capabilities. The weighted beverage holder allows for easy can removal, surrounded by a thin layer of weighted insulation. The hand-held design and base of the beverage container will be weighted in a balanced manner so that as the individual drinks, it will build strength in the hands, forearms, biceps, triceps, and shoulder muscles.

<p>| Definition List 1 |</p>
<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beverage</td>
<td>Drinks sold in 12 oz cans or 16 oz bottles (plastic or glass)</td>
</tr>
<tr>
<td>Holder</td>
<td>Sleeve, Koozie</td>
</tr>
</tbody>
</table>

The beverage holder will have an ergonomically-designed profile to allow the natural dynamics of lifting and setting it down on smooth surfaces, in sand, or in existing average-sized cup holders such as those found in automobiles, recreational, and exercise equipment.

There are many beverage holders presently on the market. However, a thorough internet search resulted in no product that combines the utility of an insulated beverage holder with the exercise benefits of weighting the holder. The application of this invention provides convenient hydration capabilities in a hand-held beverage container that can be used for personal fitness, rehabilitation, and sports.

An extensive search of existing products on the internet indicates there is presently no product marketed that combines both. However, the manufacturing principles for these existing products can be combined to create an ergonomically effective weighted beverage holder that will provide physical fitness and hydration capabilities in one product.

1. Cylindrical beverage container designed to combine benefits of exercise and hydration designed for manufacture.

2. External container wall built with sturdy, non-breakable outer surface materials.
3. Interior container wall of the optimum size to hold average-sized marketed beverages, such as water or carbonated beverages (two styles needed—one for 12 oz. cans and one for 16 oz bottles).

4. Ergonomically-designed to be handheld with natural curves and weight evenly-distributed between the exterior and interior container walls, bottom, handles, or other exterior design features.

5. Weighted bottom, sized to place on flat surfaces, in sand, or embed in average-sized cup holders such as those found in automobiles, recreational, and exercise equipment.

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