Aug. 16, 1955 R. A. AJELLO ET AL 2,715,529

RAIN SIMULATING DEVICES

Original Filed Aug. 29, 1952

Fig. 1.

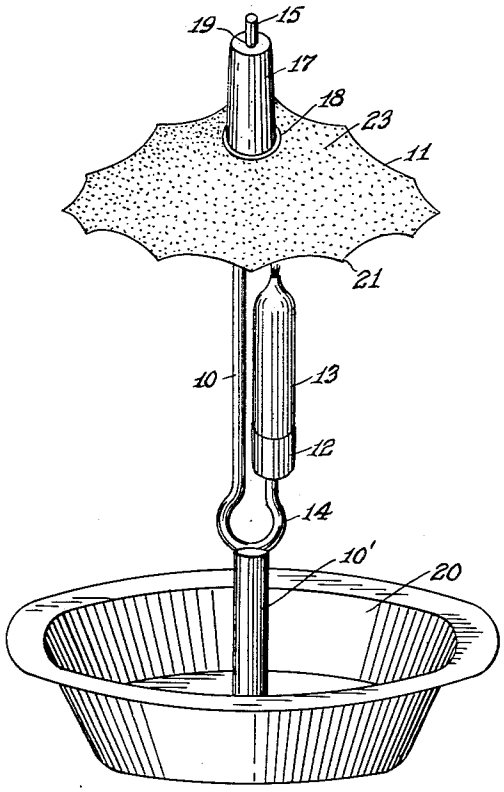


Fig. 2.

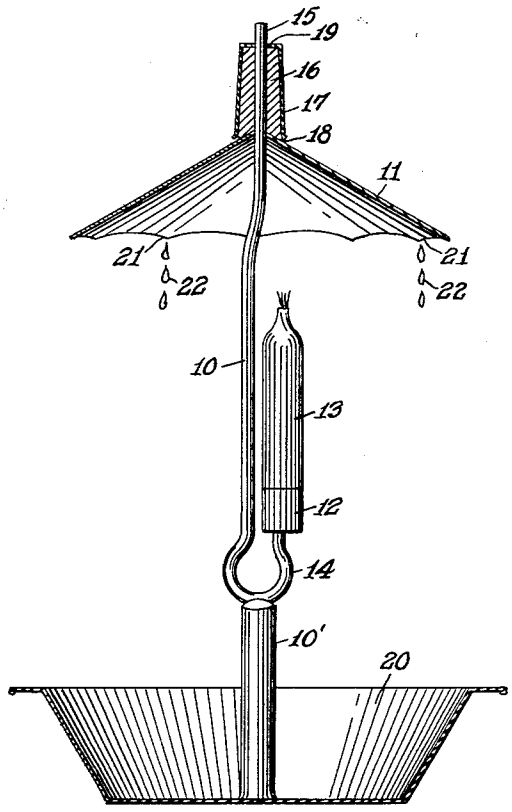


Fig. 3.

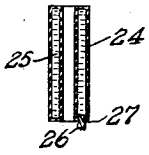


Fig. 4.



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RAIN SIMULATING DEVICES

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5 Claims. (Cl. 272—8)

This application is a substitute application for the application filed August 29, 1952, under Serial No. 307,138, and forfeited.

This invention relates to new and useful improvements in candles and the display of same for illumination and scenic effect, and it has for its object to provide a device in the form of a rain simulating device, which by the application of candles in connection therewith, as will be hereinafter described, will create a surprise or sensation in imitating rain drops falling from an umbrella.

The said device, while suitable for use on any occasion, is considered to be of special interest at festivities, such as nuptials, birthdays, or the like.

The device may be made of any convenient size, according to the occasion; and materials of a suitable kind may be used for the device, or part of same.

With the above and other objects in view, this invention consists of the novel features of construction, combination and arrangement of parts, hereinafter fully described, claimed, and illustrated in the accompanying drawing forming part of this application, and in which similar characters of reference indicate corresponding parts in all views, and in which:

Figure 1 is an elevational perspective view of my device.

Figure 2 is a transverse vertical section through the same; while

Figures 3 and 4 are detail views.

Referring more particularly to the drawing, the numeral **10** indicates a rod substantially similar to the kind used in umbrellas; the rod **10** is integrally connected to a support **10'**, and the numeral **11** indicates the canopy.

Upon the rod **10** and at a suitable distance below the canopy, is integrally mounted a candle-stick holder **12** adapted to receive a candle **13**; said candle-stick holder is separated by a short arm **14** from the rod **10**, so as not to heat up the latter when the candle **13** is lit.

Upon the upper end **15** of the rod **10** and above the canopy, is mounted another candle, or piece of wax **16**, while a shield **17** surrounds said candle **16**, except for a minute space **18** at the bottom thereof.

The shield **17** has preferably the shape of a candle and is closed at the top, except for a small opening **19** through which the end of the rod **15** protrudes. The purpose of the shield **17** is to prevent the candle **16** from collapsing, when said candle is exposed to the heat from the lighted candle **13**.

The support **10'** is mounted in a bowl **20**, the periphery of which is slightly greater than the circumference of the canopy **11**.

In operation of this device, when the candle **13** is lit the heat from the flame of said candle will be conveyed to the upper portion of the rod **10** and more especially to the canopy, which preferably is made of thin metal; from these parts the heat is, in turn, conveyed to the candle **16** which will then gradually commence to melt until it becomes a thin fluid, which will flow down the top of the canopy and subsequently fall from the projecting points **21** of the latter, resembling tear drops **22**, and finally into the bowl **20**.

If desired, the top of the canopy **11** may also be coated with a layer of thin wax **23**, whereby the flow of liquid and eventually drops, will be augmented to the point of simulating rain.

If further desired, a capsule **24**, or the like, containing water **25**, may take the place of the candle **16**, said capsule having a plug **26** of easily melting material, for instance wax, arranged in a small opening **27** at the bottom of said capsule, so that when said plug melts, due to the aforesaid heating effect, drops of water simulating rain will fall from the projecting points **21**.

It would appear that one or more capsules, or the like, containing water or similar fluids, may be employed in order to get the desired effect.

It is obvious that changes may be made in the form, construction and arrangement of the several parts, as shown, within the scope of the appended claims, without departing from the spirit of the invention, and we do not, therefore, wish to limit ourselves to the exact construction shown and described herein.

What we claim as new, and desire to secure by Letters Patent of the United States, is:

1. A device of the class described, comprising a rod, an umbrella-like canopy formed with peripheral projections and being mounted upon said rod, a candle-stick holder arranged a short distance from the rod and being fixedly secured to the latter, a candle mounted in the candle-stick holder, beneath said canopy, the upper end of the rod projecting above the latter, an easily fusible member arranged upon said upper end of the rod, said member being adapted to assume a fluid form upon the lighting of the candle, whereby said fluid will provide drops when falling from the said projections of the canopy.

2. A device of the class described, comprising a rod, an umbrella-like canopy formed with peripheral projections and being mounted upon said rod, a candle-stick holder in approximate vicinity of said rod and fixedly secured to the latter, a candle mounted in the candle-stick holder below said canopy, the upper end of the rod projecting above the canopy, an easily fusible member arranged upon said upper end of the rod, and a shield formed with an opening at the top thereof and adapted to be mounted upon the upper end of said rod, the latter being adapted to assume a liquid form when the candle becomes hot after the lighting of the candle, whereby said liquid will fall as drops from the projections of the canopy.

3. A device of the class described, comprising an upright support, an umbrella-like canopy formed with peripheral projections and being mounted upon said support, a member susceptible of being lit beneath said canopy and means for securing said member to the upright support, the upper end of the support extending above the canopy, a wax member arranged upon said upper end of the support, a shield surrounding said member, said wax member being adapted to assume a liquid form upon the lighting of said first member, and to provide drops when falling from the projections of the canopy.

4. In a device, as claimed in claim 1, and wherein a coating of easily fusible material is applied to the upper surface of the canopy, whereby to augment the amount of fluid, substantially as and for the purpose set forth.

5. A candle device comprising, in combination, a rod, a base supporting the latter and a bowl surrounding said base, an umbrella-like canopy formed with periph-

eral projections and being mounted upon said rod, a candle-stick holder arranged a short distance from the rod and being fixedly secured to the latter, a candle mounted in the candle-stick holder, beneath said canopy, the upper end of the rod projecting above the canopy, an easily fusible member arranged upon said upper end of the rod, and a shield supporting said member, the latter being adapted to assume a liquid form when the candle becomes hot after the lighting of the candle, whereby said liquid will form drops from said projections of the canopy, the periphery of the bowl being greater than the circumference of the canopy, substantially as shown and described.

References Cited in the file of this patent

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