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**Cohen**

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(54) **SOLAR-POWERED, ILLUMINATED DECORATOR BALLS**

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(51) **Int. Cl.**

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| ***F21S 9/03*** | (2006.01) |
| ***F21V 21/08*** | (2006.01) |
| ***A47G 33/08*** | (2006.01) |
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CPC ..... ***F21V 33/0028*** (2013.01); ***A47G 33/08*** (2013.01); ***F21S 9/035*** (2013.01); ***F21V 21/0832*** (2013.01); *A47G 2033/0827* (2013.01); *F21W 2121/00* (2013.01); *F21Y 2101/02* (2013.01)

(58) **Field of Classification Search**

USPC ..... 362/565

See application file for complete search history.

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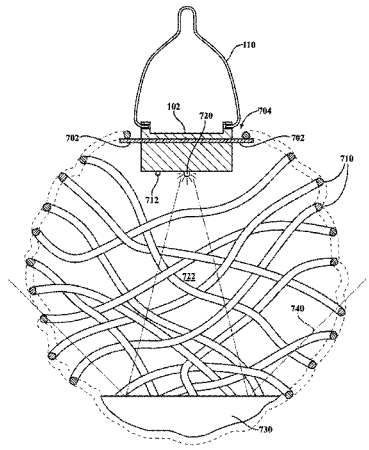
(57) **ABSTRACT**

Decorator balls are illuminated from the inside-out using a self-contained, battery-powered LED module. The decorator ball itself is made from one or more elongated elements creating a hollow form with gaps or apertures in areas where the elements do not overlap. The module has a battery powered light-emitting diode (LED) and a solar panel to charge the battery. The module is coupled to the decorator ball such that the LED illuminates the decorator ball from the inside-out. White LEDs, LEDs of a particular color, or color-changing LEDs may be used. Either the solar panel or an additional photodetector may communicate with electronic circuitry within the module to activate the LED when ambient light falls below a predetermined level. The module may include a hanger for hanging the decorative article, and a reflector may be provided within the decorator ball to diverge and disperse the light from the LED.

**9 Claims, 4 Drawing Sheets**