



US00D969231S

(12) **United States Design Patent**
Morris

(10) **Patent No.:** **US D969,231 S**

(45) **Date of Patent:** **** *Nov. 8, 2022**

(54) **PUZZLE BOX**

DESCRIPTION

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(72) Inventor: **David Morris**, Chicago, IL (US)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **15 Years**

(21) Appl. No.: **29/633,649**

(22) Filed: **Jan. 15, 2018**

(51) **LOC (13) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/479**

(58) **Field of Classification Search**
USPC D21/336-338, 340, 341, 366-367, 471,
D21/478-480, 484-505; D9/721, 731,
(Continued)

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Primary Examiner — Catherine A Tuttle

(74) *Attorney, Agent, or Firm* — Pharar Patents & Intellectual Property; Andrew A. Pharar

(57) **CLAIM**

The ornamental design for the puzzle box, as shown and described.

FIG. 1 is an exploded perspective view showing my new design for a puzzle box including, from top to bottom: a lid component, a plate component, a cup component and a base component;

FIG. 2 is a perspective view showing the lid component in an exploded state with the three underlying components in an assembled state;

FIG. 3 is a top plan view of the assembled components in FIG. 2;

FIG. 4 is aside elevational view of the assembled components in FIG. 3, the adjacent and opposing sides being identical thereto;

FIG. 5 is a top plan view of the cup and base components as assembled;

FIG. 6 is aside elevational view of the cup and base components in FIG. 5;

FIG. 7 is a top plan view of the cup and base components as in FIG. 5, but with the cup element in shifted to an alternate position;

FIG. 8 is atop plan view of the cup and base components as in FIG. 5, but with the broken line ball elements omitted within the peripheral recesses of the base component;

FIG. 9 is a top perspective view of the base component;

FIG. 10 is a top plan view of the base component in FIG. 9; FIG. 11 is a bottom plan view of the base component in FIG. 9;

FIG. 12 is a side elevation view of the base component in FIG. 9, the adjacent and opposing sides being identical thereto;

FIG. 13 is a bottom perspective view of the lid component; FIG. 14 is a top perspective view of the lid component in FIG. 13;

FIG. 15 is a bottom plan view of the lid component in FIG. 13;

FIG. 16 is a side elevation view of the lid component in FIG. 13;

FIG. 17 is a top perspective view of the plate component; FIG. 18 is a side elevation view of the plate component in FIG. 17;

FIG. 19 is a bottom perspective view of the plate component in FIG. 17;

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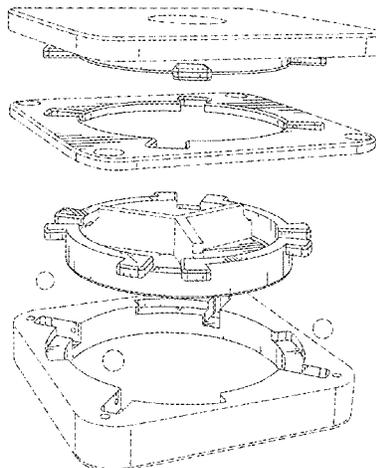


FIG. 20 is a top plan view of the plate component in FIG. 17; FIG. 21 is a bottom plan view of the plate component in FIG. 17; FIG. 22 is a top perspective view of the cup component; FIG. 23 is a side elevation view of the cup component in FIG. 22, the adjacent and opposing sides being identical thereto; FIG. 24 is a bottom perspective view of the cup component in FIG. 22; FIG. 25 is a top plan view of the cup component in FIG. 22; FIG. 26 is a bottom plan view of the cup component in FIG. 22; FIG. 27 is a top perspective view of the assembled puzzle box; FIG. 28 is a top plan view of the assembled puzzle box in FIG. 27; FIG. 29 is a side elevation view of FIG. 27, the adjacent and opposing sides being identical thereto; FIG. 30 is another top plan view of the base components as in FIG. 10 but with the addition of section lines 31-31 and 32-32; FIG. 31 is a cross sectional view along line 31-31 of FIG. 30; FIG. 32 is a cross sectional view along line 32-32 of FIG. 30; FIG. 33 is another top plan view of the base component as in FIG. 28 but with the addition of section line 34-34; and, FIG. 34 is a cross sectional view along line 34-34 of FIG. 33. The broken lines in FIGS. 1-34 illustrate portions of the puzzle box that form no part of the claimed design. The diagonal line hatching in FIGS. 31, 32 and 34 indicates the disclaimed portions in section and not the material being sectioned.

1 Claim, 17 Drawing Sheets

(58) **Field of Classification Search**

USPC D9/733, 737, 414, 432, 456; D3/203.3, D3/207, 208, 274; D99/28, 34, 99; 446/69, 117, 124, 127, 489; 273/153 R, 273/156, 160, 153 S, 109, 110, 113, 273/115-117, 155
 CPC A63F 9/0073; A63F 9/0811; A63F 9/12; A63F 9/1208; A63F 9/0861; A63F 9/083; A63F 9/0823; A63F 9/0078; A63F 2009/0075; A63F 2009/0815; A63F 2009/0884; A63F 2009/0888; A63F 2009/1083; A63F 2009/1224; A63F 2009/1228; A63F 2009/1232; A63F 2009/1236; A63F 2009/1292; A63F

2250/24; A63F 2003/0277; A63F 5/043; A63F 5/0088; A63F 5/02; A63F 7/04; A63F 7/042; A63F 7/044

See application file for complete search history.

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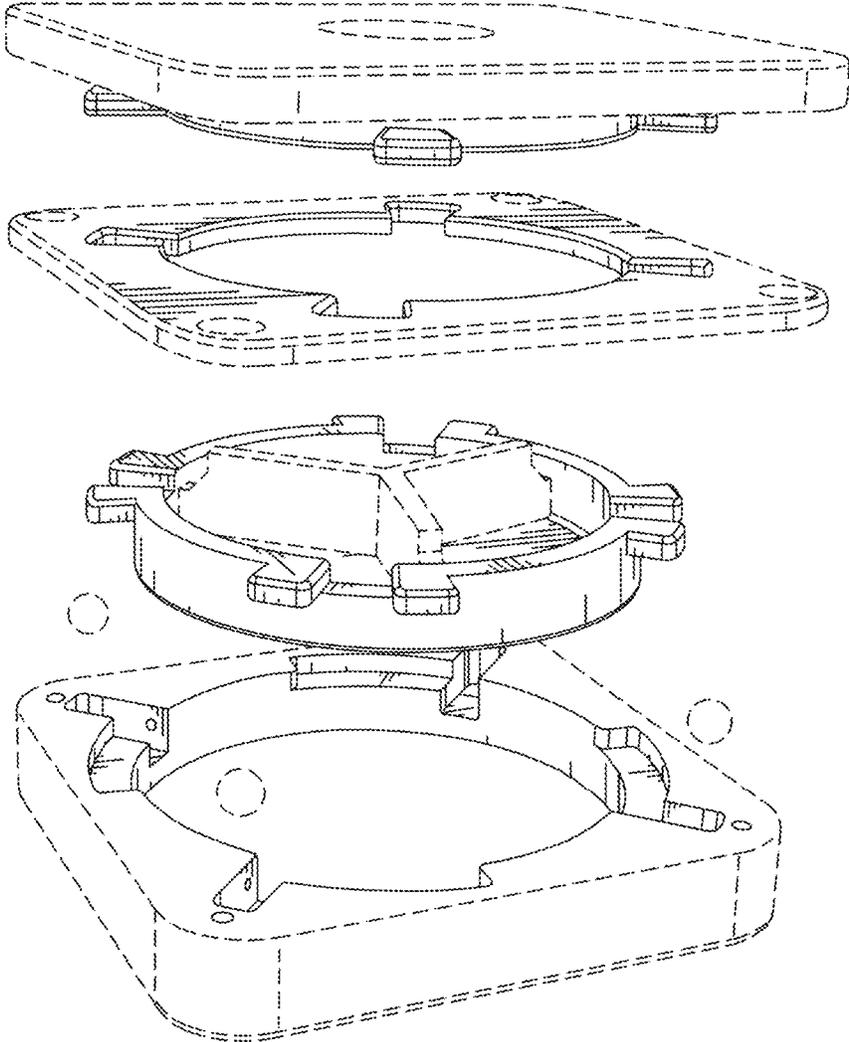


FIG. 1

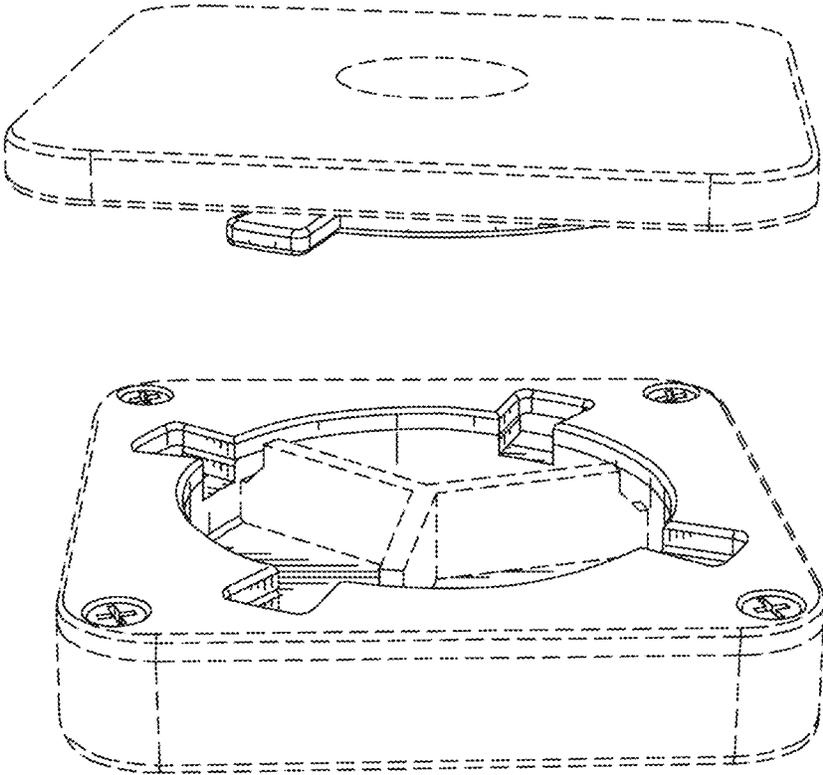


FIG. 2

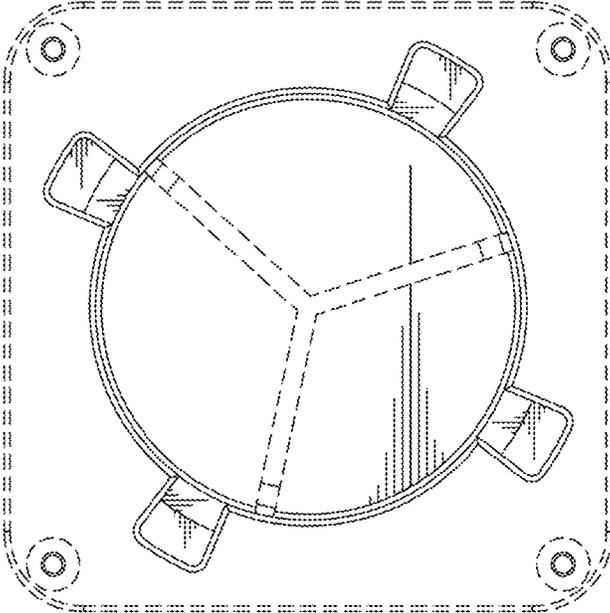


FIG. 3

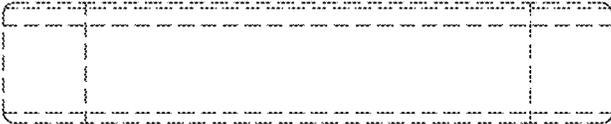


FIG. 4

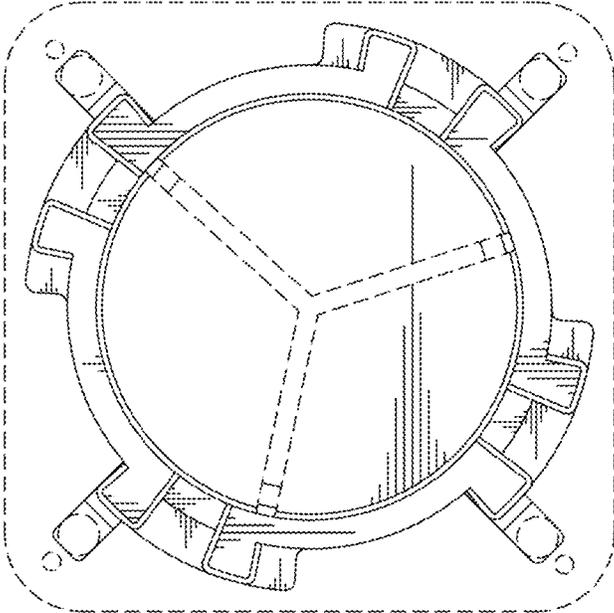


FIG. 5



FIG. 6

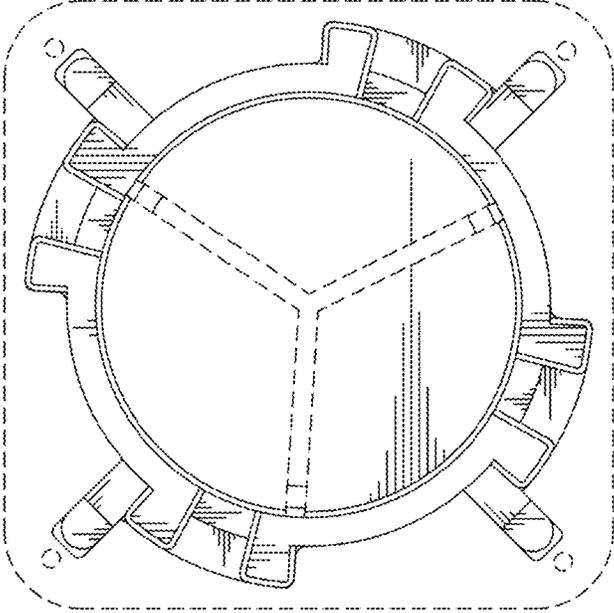


FIG. 7

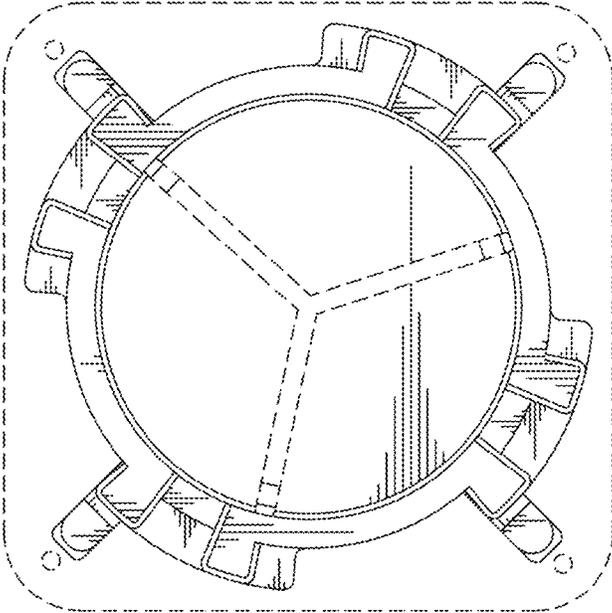


FIG. 8

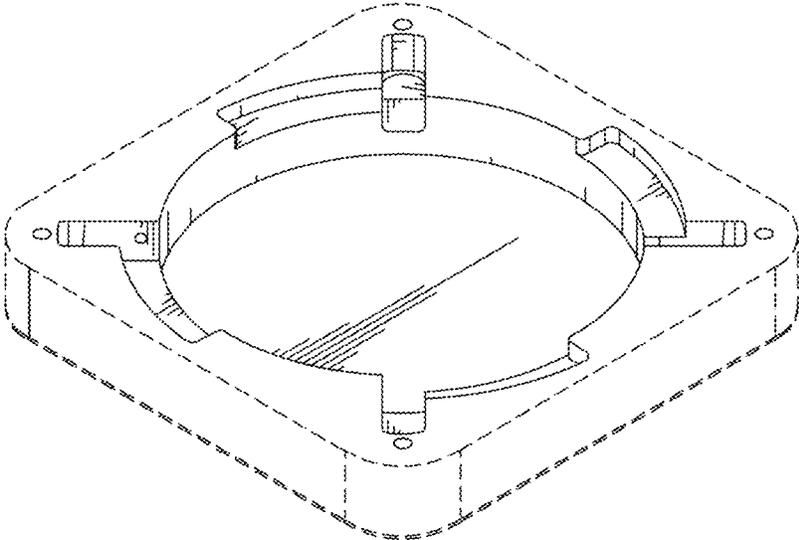


FIG. 9

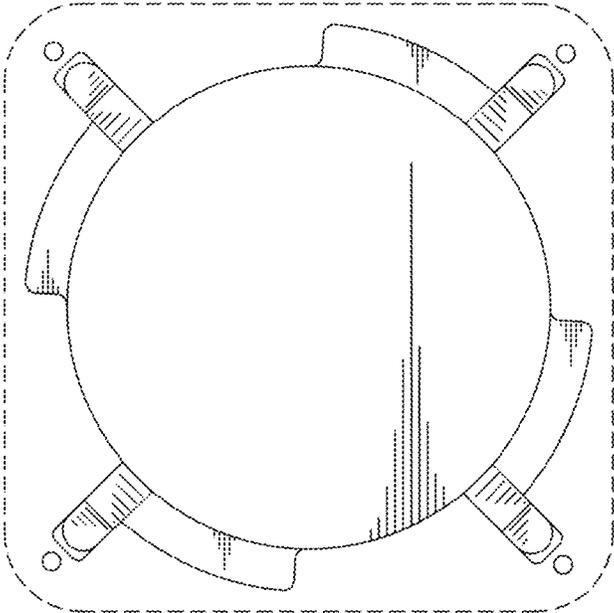


FIG. 10

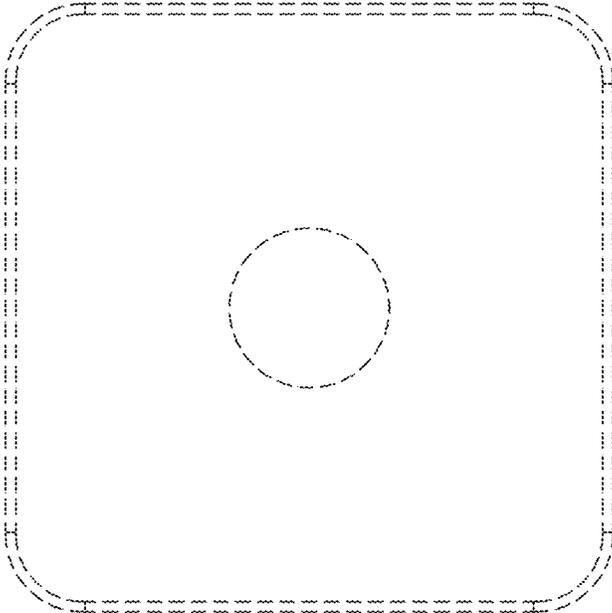


FIG. 11



FIG. 12

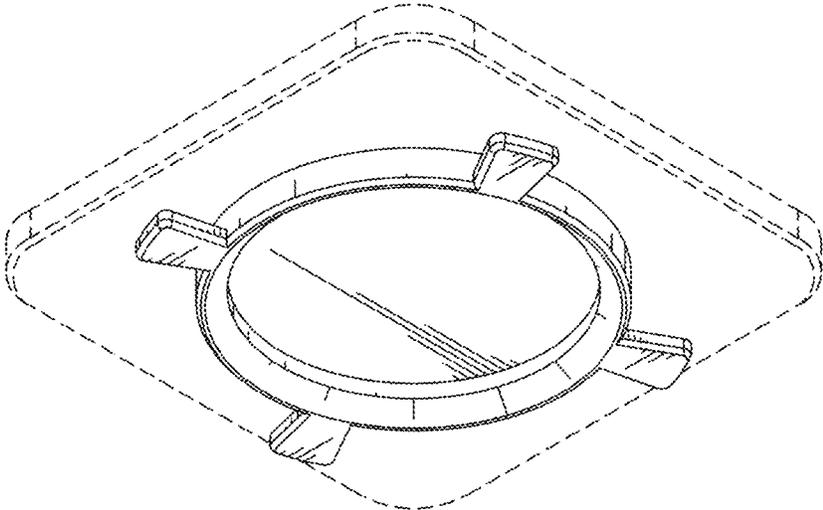


FIG. 13

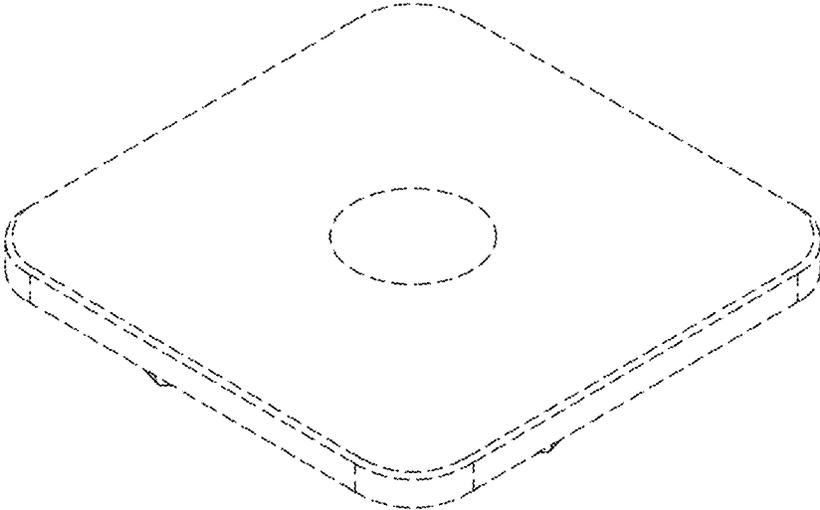


FIG. 14

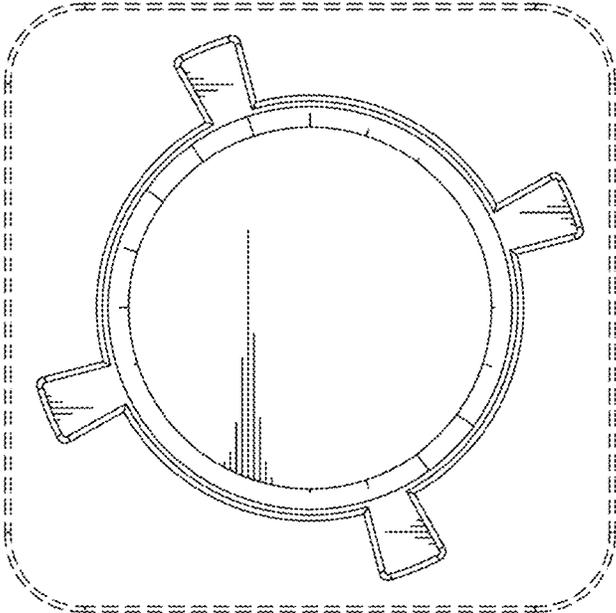


FIG. 15



FIG. 16

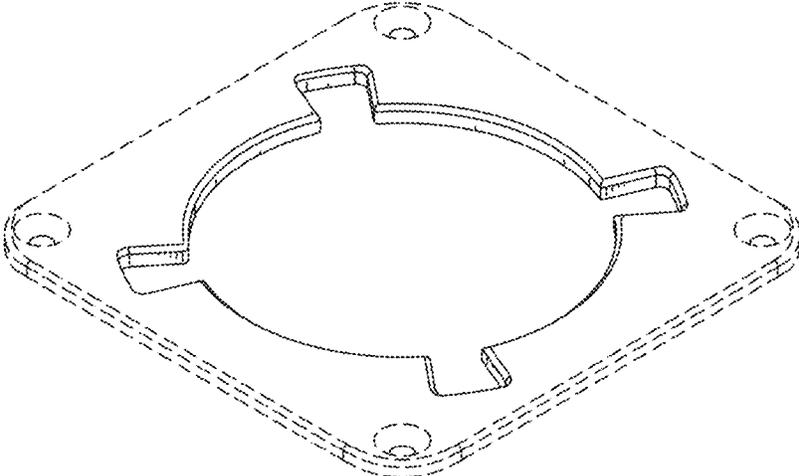


FIG. 17

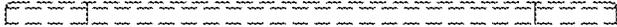


FIG. 18

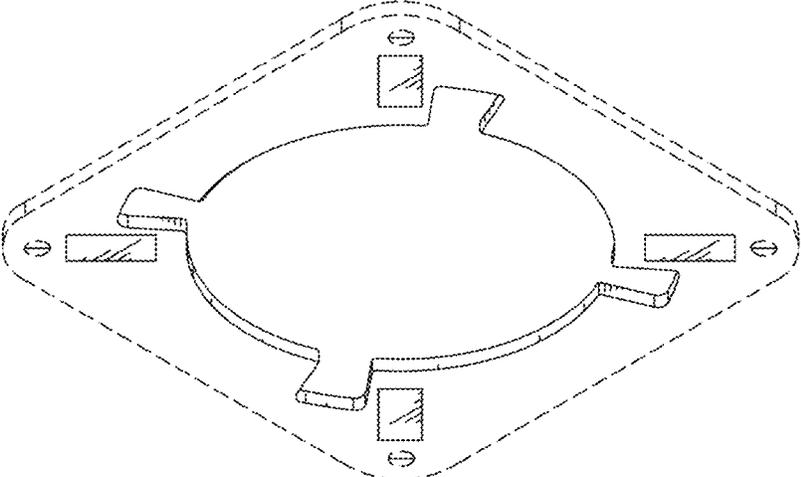


FIG. 19

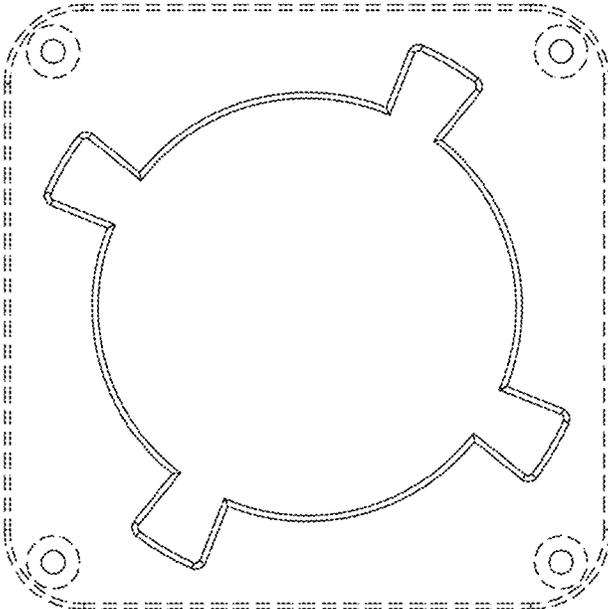


FIG. 20

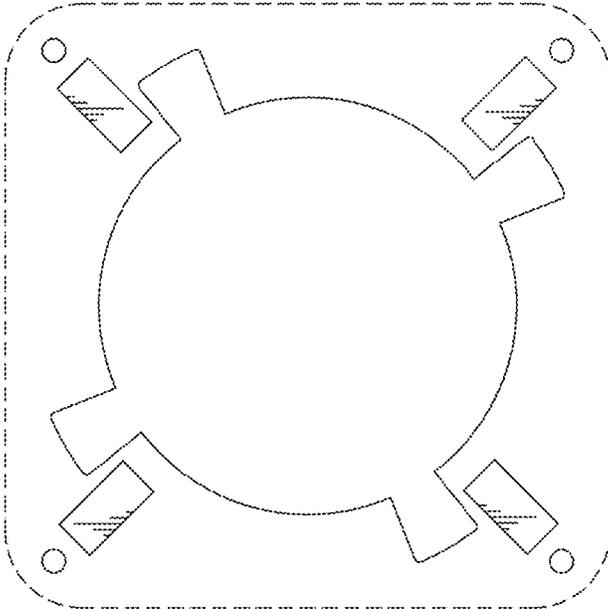


FIG. 21

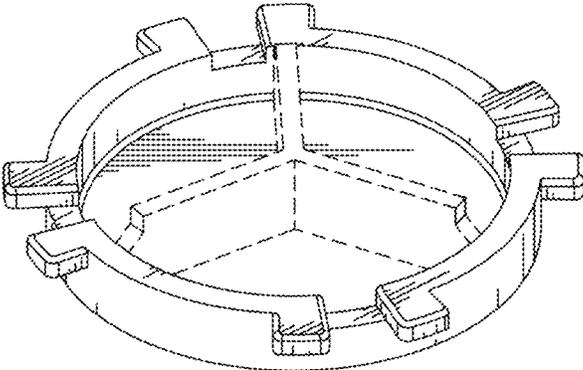


FIG. 22

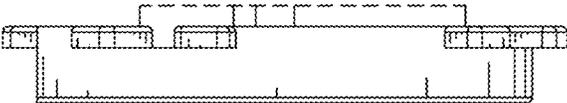


FIG. 23

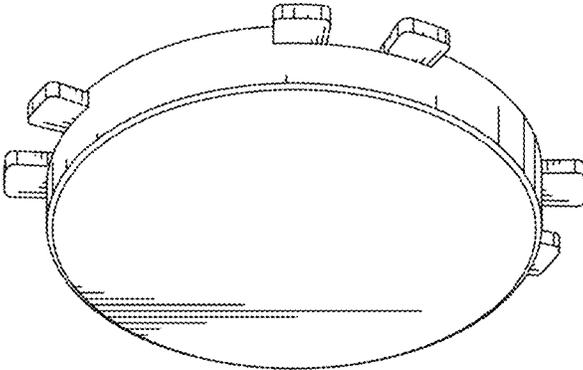


FIG. 24

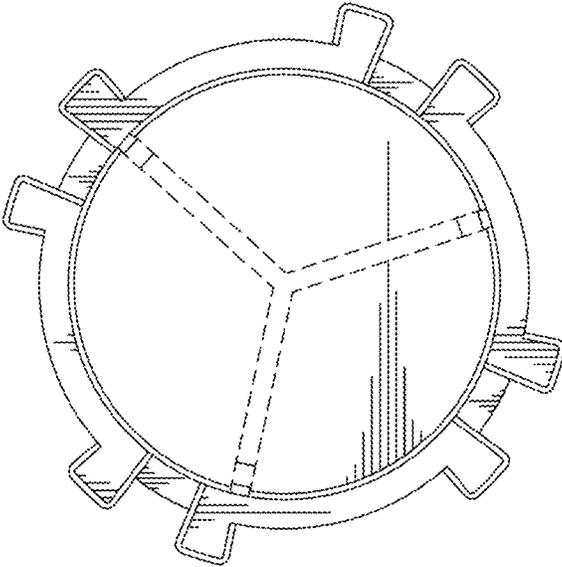


FIG. 25

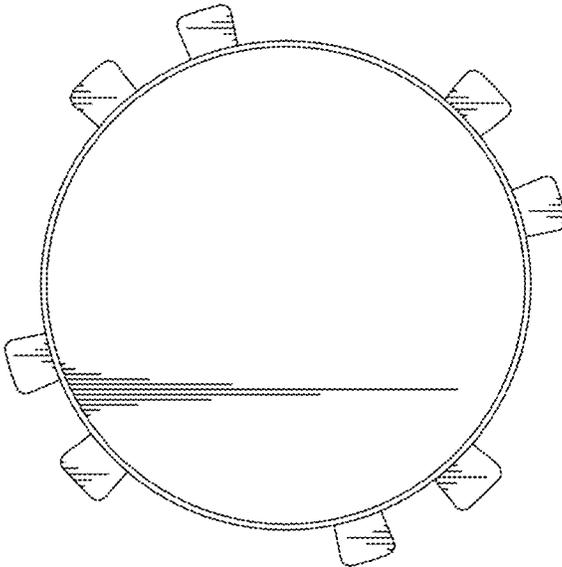


FIG. 26

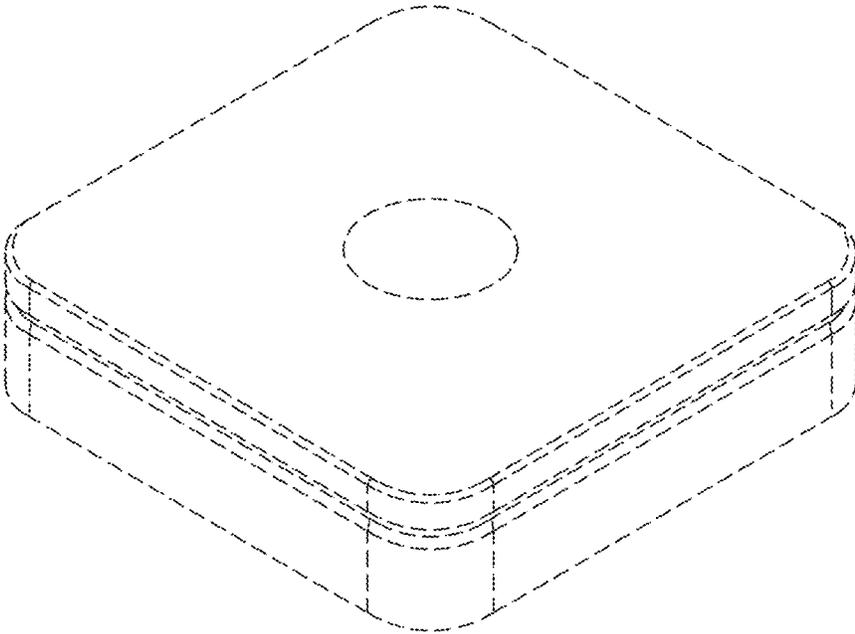


FIG. 27

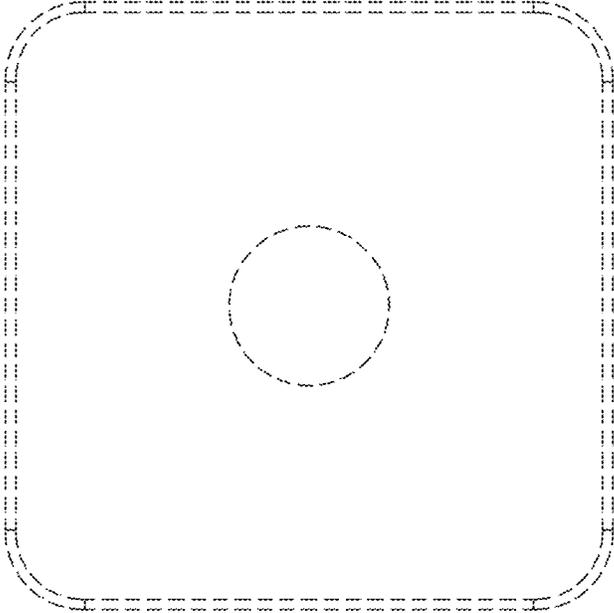


FIG. 28



FIG. 29

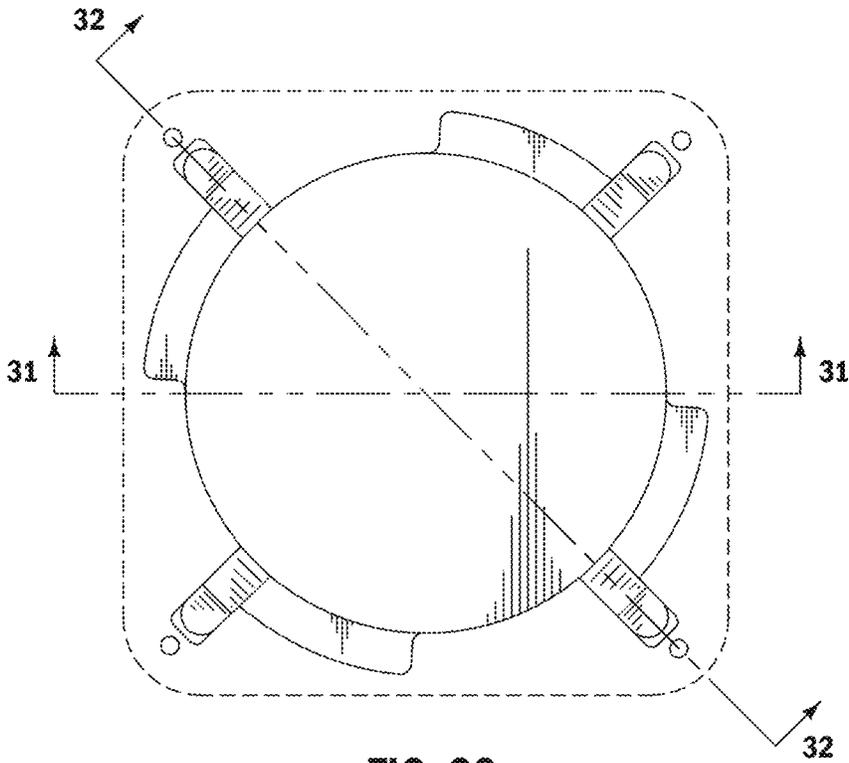


FIG. 30

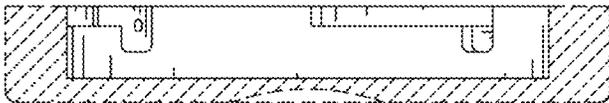


FIG. 31

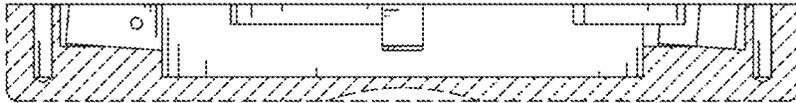


FIG. 32

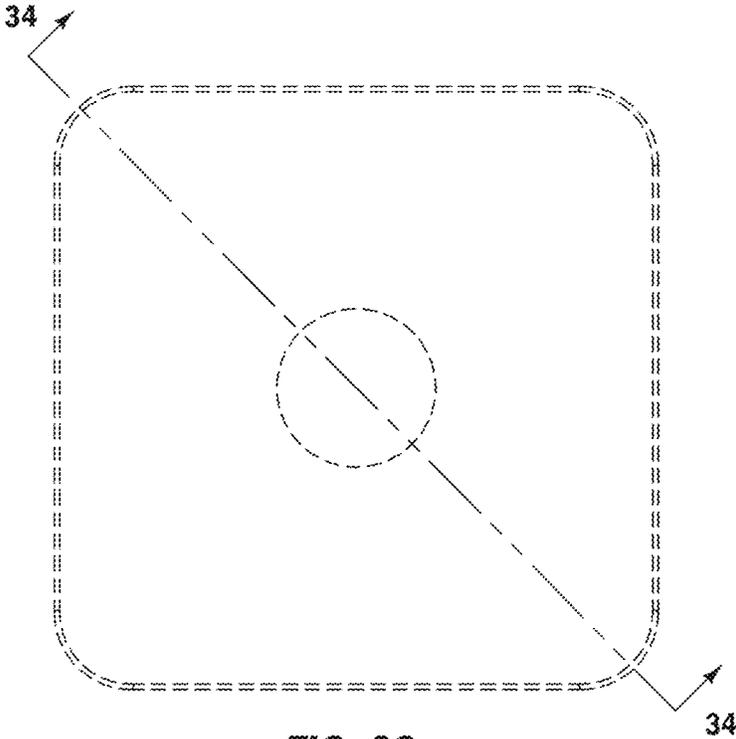


FIG. 33

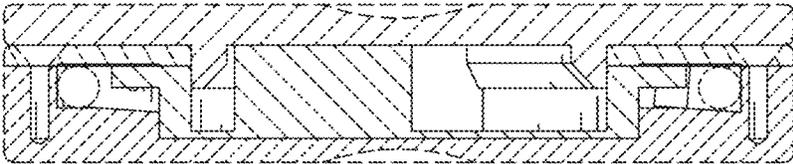


FIG. 34