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(12) United States Design Patent (10) Patent No.:

Dang et al.

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(45) Date of Patent: ** Aug. 19, 2025

(54) THERMOSTAT

(71) Applicant: Google LLC, Mountain View, CA (US)

(72) Inventors: Phan Thao Benno Dang, San

Francsico, CA (US); Sung Kyun Bai, San Jose, CA (US); Dongkyu Lee, Castro Valley, CA (US); Maj Isabelle Olsson, Sunnyvale, CA (US); Eun Hee

Jo, San Jose, CA (US)

(73) Assignee: Google LLC, Mountain View, CA (US)

(**) Term: 15 Years

(21) Appl. No.: 29/913,606

(22) Filed: Oct. 5, 2023

(52) **U.S. Cl.**

USPC **D10/50**

(58) Field of Classification Search

USPC D10/50, 52, 46, 70, 75

(Continued)

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Primary Examiner — Joseph Kukella

Assistant Examiner — Molly Loch

(74) Attorney, Agent, or Firm — Leason Ellis LLP

(57) CLAIM

The ornamental design for a thermostat, as shown and described.

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee. FIG. 1 is a front, right, top perspective view of a thermostat according to a first embodiment of our new design;

FIG. 2 is a rear, left, bottom perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a top view thereof;

FIG. 8 is a bottom view thereof;

FIG. 9 is a front, right, top perspective view of a thermostat according to a second embodiment of our new design;

FIG. 10 is a rear, left, bottom perspective view thereof;

FIG. 11 is a front view thereof;

FIG. 12 is a rear view thereof;

FIG. 13 is a right side view thereof;

FIG. 14 is a left side view thereof;

FIG. 15 is a top view thereof;

FIG. 16 is a bottom view thereof;

FIG. 17 is a front, right, top perspective view of a thermostat according to a third embodiment of our new design;

FIG. 18 is a rear, left, bottom perspective view thereof;

FIG. 19 is a front view thereof;

FIG. 20 is a rear view thereof;

FIG. 21 is a right side view thereof;

FIG. 22 is a left side view thereof:

FIG. 23 is a top view thereof;

FIG. 24 is a bottom view thereof;

FIG. 25 is a front, right perspective view of a thermostat according to a fourth embodiment of our new design;

FIG. 26 is a front view thereof;

FIG. 27 is a rear view thereof;

FIG. 28 is a right side view thereof;

FIG. 29 is a left side view thereof;

FIG. 30 is a top view thereof;

FIG. 31 is a bottom view thereof;

FIG. 32 is a front, right perspective view of a thermostat according to a fifth embodiment of our new design;

(Continued)

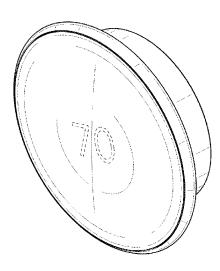


FIG. 33 is a front view thereof;

FIG. 34 is a rear view thereof;

FIG. 35 is a right side view thereof;

FIG. 36 is a left side view thereof;

FIG. 37 is a top view thereof;

FIG. 38 is a bottom view thereof;

FIG. 39 is a front, right perspective view of a thermostat according to a sixth embodiment of our new design;

FIG. 40 is a front view thereof;

FIG. 41 is a rear view thereof;

FIG. 42 is a right side view thereof;

FIG. 43 is a left side view thereof;

FIG. 44 is a top view thereof; and,

FIG. 45 is a bottom view thereof.

The broken lines in FIGS. 1-3 and 8-24 illustrate parts of the thermostat that form no part of the claimed design.

The dot-dash lines in FIGS. 9-11, 13-16, 18, and 21-24 are boundary lines that define the bounds of the claimed design and form no part thereof. The dot-dash rectangle depicted in FIGS. 10, 13-14, and 16 forms a boundary of the claimed design; and the area within the dot-dash rectangle and the dot-dash rectangle itself form no part of the claimed design. The surfaces between the dot-dash circles depicted in FIGS. 9, 11, and 13-16 form no part of the claimed design.

FIGS. **25-31** are color renderings that depict a thermostat having reflective surfaces, which are shown with reflected elements. The reflected elements are not surface ornamentations and form no part of the claimed design.

FIGS. 32-38 are color renderings that depict a thermostat having reflective surfaces, which are shown with reflected elements. The reflected elements are not surface ornamentations and form no part of the claimed design.

FIGS. 39-45 are color renderings that depict a thermostat having reflective surfaces, which are shown with reflected

elements. The reflected elements are not surface ornamentations and form no part of the claimed design.

The shading in the figures indicate the character and contour of the surfaces represented, not to be confused with surface ornamentation.

1 Claim, 21 Drawing Sheets (9 of 21 Drawing Sheet(s) Filed in Color)

(58) Field of Classification Search

CPC .. F24F 11/47; F24F 11/58; F24F 11/00; F24F 11/52; F24F 11/64; G05D 23/1904; G05D 23/1917; G05D 23/1923

See application file for complete search history.

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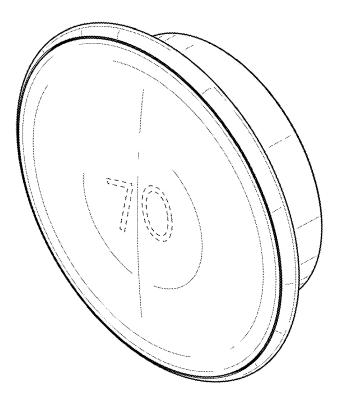


FIG. 1

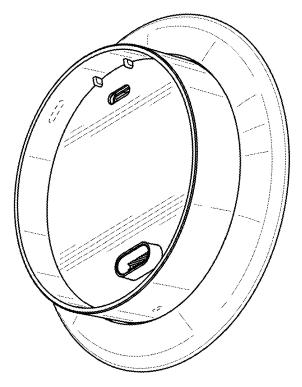


FIG. 2

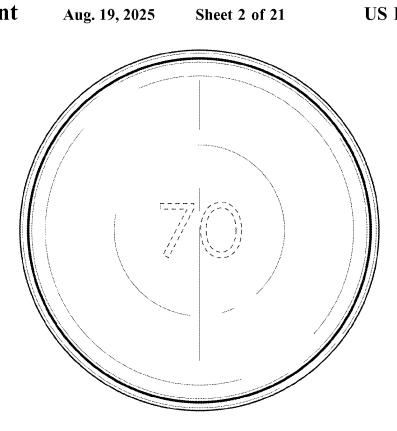


FIG. 3

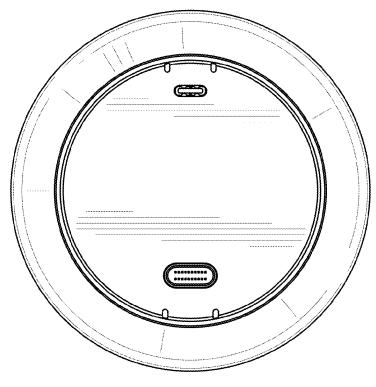


FIG. 4

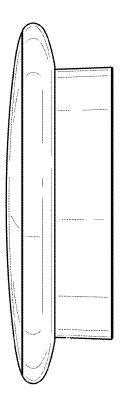


FIG. 5

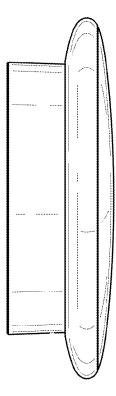


FIG. 6

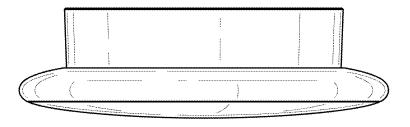


FIG. 7

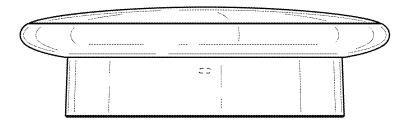


FIG. 8

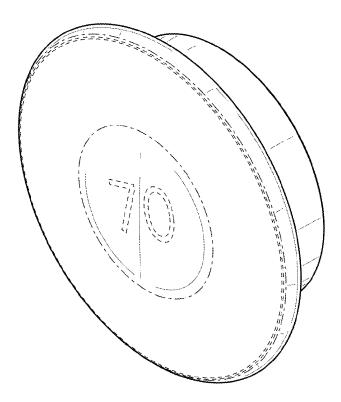


FIG. 9

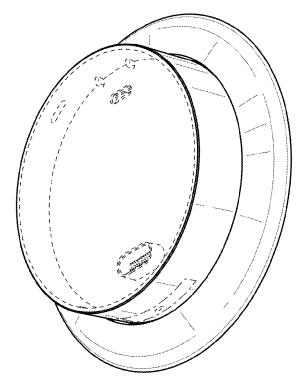


FIG. 10

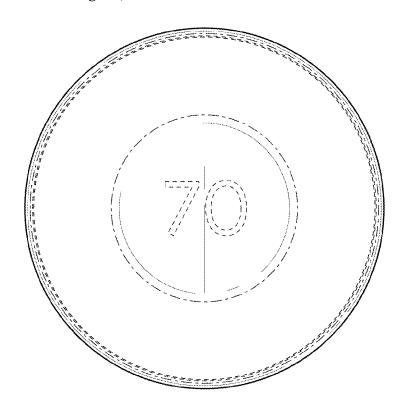


FIG. 11

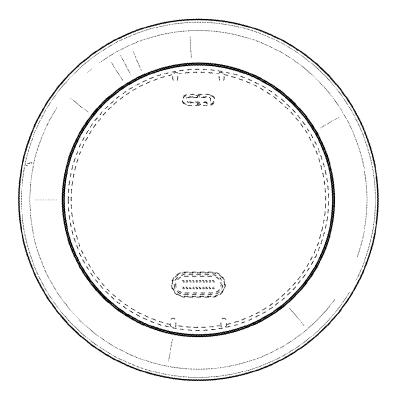


FIG. 12

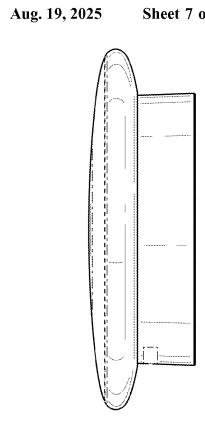


FIG. 13

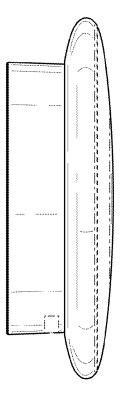


FIG. 14

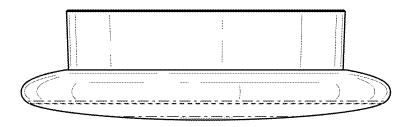


FIG. 15

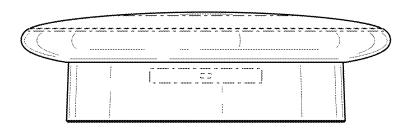


FIG. 16

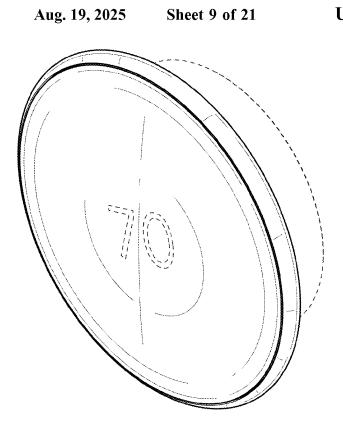


FIG. 17

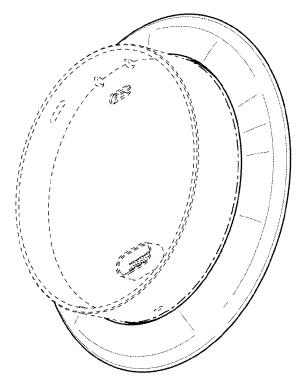


FIG. 18

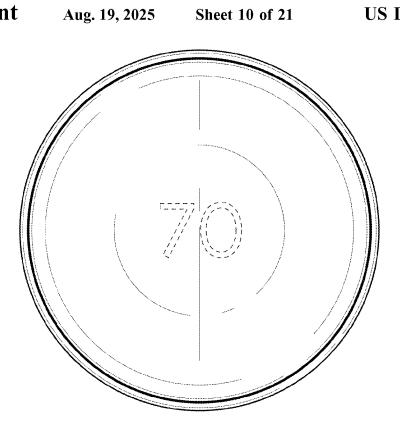


FIG. 19

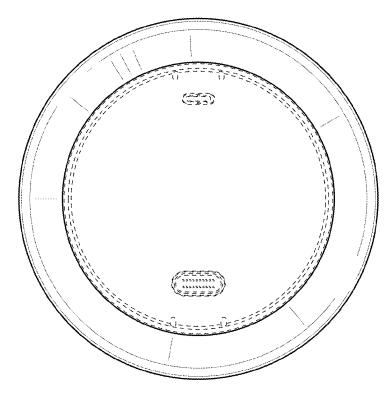


FIG. 20

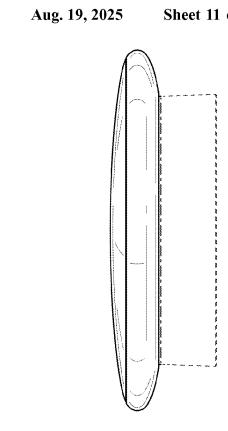


FIG. 21

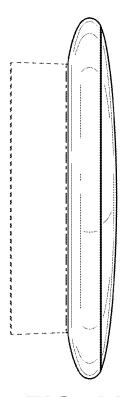


FIG. 22

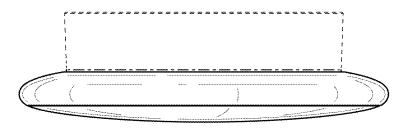


FIG. 23

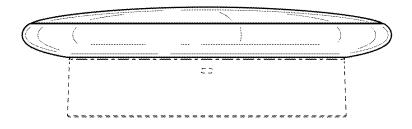


FIG. 24

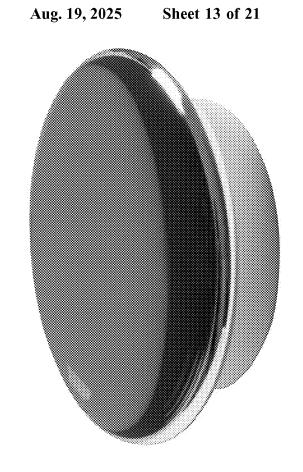


FIG. 25

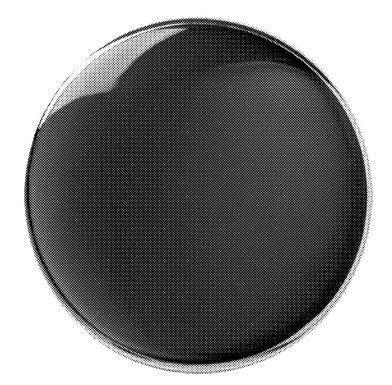
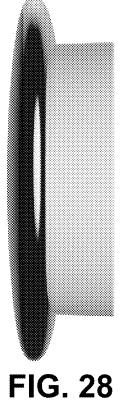


FIG. 26



FIG. 27



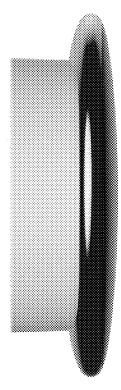


FIG. 29

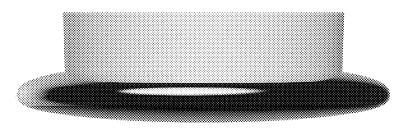


FIG. 30

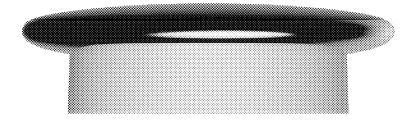


FIG. 31

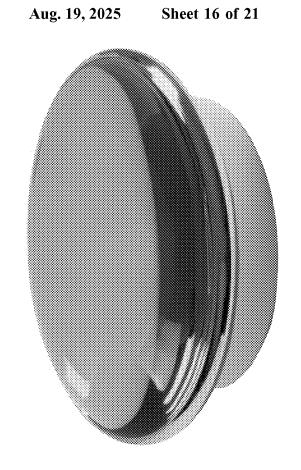


FIG. 32

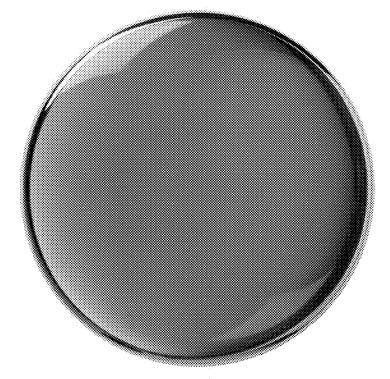


FIG. 33



FIG. 34

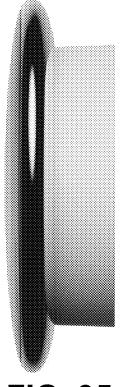


FIG. 35

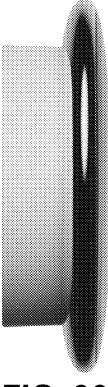


FIG. 36

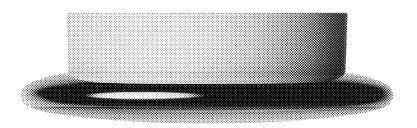


FIG. 37

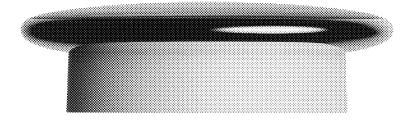


FIG. 38



FIG. 39

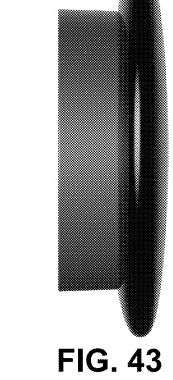


FIG. 40



FIG. 41





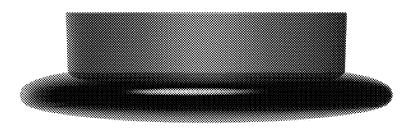


FIG. 44

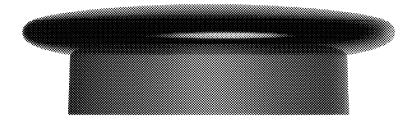


FIG. 45