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(12) **United States Design Patent** (10) **Patent No.:** **US D910,467 S**
Thoren et al. (45) **Date of Patent:** **** Feb. 16, 2021**

(54) **HVAC CONTROL DEVICE**

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

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Related U.S. Application Data

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(51) **LOC (13) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/50**; D10/60; D10/49; D10/103; D10/102; D13/162.1; D13/177; D13/162

(58) **Field of Classification Search**
USPC D10/49, 50, 60, 102, 103; D13/162, D13/162.1, 177
CPC H03J 1/0025; H03J 9/00; H03J 9/02; H03J 9/04; H03J 9/06; H01H 2009/187; H01H 9/02; H01H 9/0214; H01H 9/0242; H01H 9/18; H05B 37/02; H05B 37/0272; H05B 39/088; H05B 33/0815; H05B 33/0854; H05B 37/0218; H05B 37/0245; G08C 17/00; G08C 17/02; G08C 19/28; G08C 23/02; G08C 23/04; H04M 1/0262; H04M 1/0266; H04M 2250/12; H04M 2250/22; H05K 5/0017; H05K 5/0243;

H05K 5/00; H05K 5/03; G02F 1/1333; G06F 1/1626; G06F 3/0488; G06F 1/1684; G06F 1/30; G06F 3/0362; G06F 3/038; H01M 2/1061; H02J 3/14; H02J 2003/003; Y02B 70/3225; Y10T 307/944; Y10T 307/438; Y04S 10/54; Y04S 20/222; F23N 5/20; F23N

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D251,482 S * 4/1979 Sugiyama D10/102
D270,815 S * 10/1983 Odom D10/50
(Continued)

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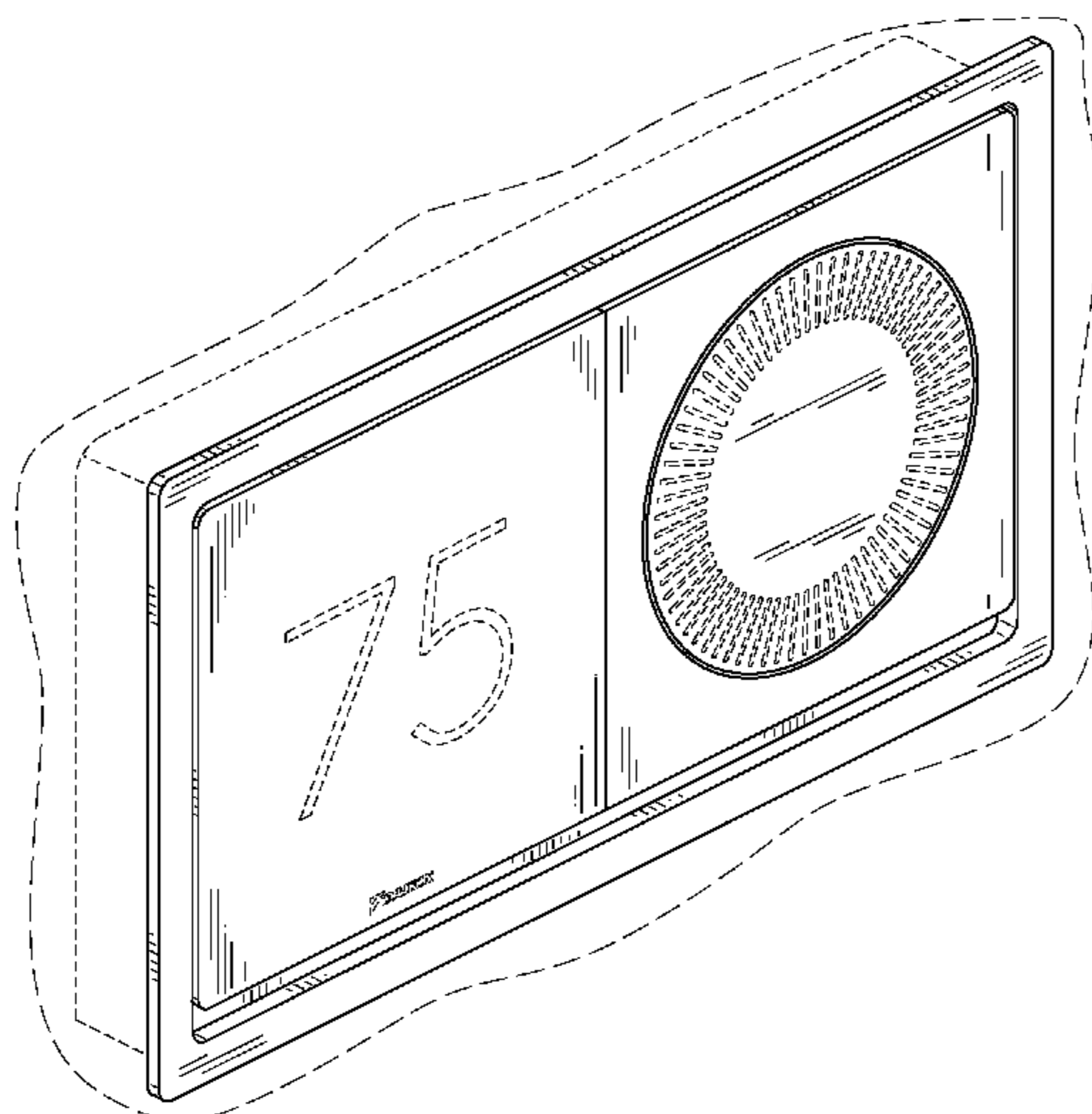
(57) **CLAIM**

The ornamental design for an HVAC control device, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an HVAC control device showing a third embodiment of the new design; FIG. 2 is a right side view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a bottom view thereof; FIG. 5 is a top view thereof; FIG. 6 is a rear view thereof; FIG. 7 is a front perspective view thereof; FIG. 8 is a front view an HVAC control device showing a fourth embodiment of the new design; and, FIG. 9 is a front perspective view thereof. The dashed broken lines represent structures, features or the environment that form no part of the claimed design. And the longer-dash broken lines represent a mounting surface that is environmental and forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC 5/203; F23N 5/206; F23N 5/18; F23N
5/184; F23N 5/187; F23N 5/22; F23N
2025/12; F23N 2041/02; F24F 11/00;
F24F 11/0012; F24F 11/0009; F24F
11/001; F24F 2011/0057; F24F
2011/0073; F24F 2011/0091; F24F
2011/0094; F24F 2011/0068; F24F
2011/0012; F24F 2011/0015; F24F
2011/0017; F21V 11/16; F21V 33/10;
G05B 19/042; G05D 23/01; G05D 23/12;
G05D 23/275; G05D 23/1902; G05D
23/1904; G05D 23/27502; G05D
23/27503; G05D 23/1919; G05D 23/19;
G05D 23/2723; G05D 23/00; G09F
13/22; G09F 9/53

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D614,976 S * 5/2010 Skafdrup D10/50
D723,948 S * 3/2015 Baumgartner D10/50
D772,735 S * 11/2016 Mansueto D10/50
2017/0082313 A1 * 3/2017 Benichou F24F 11/0086

* cited by examiner

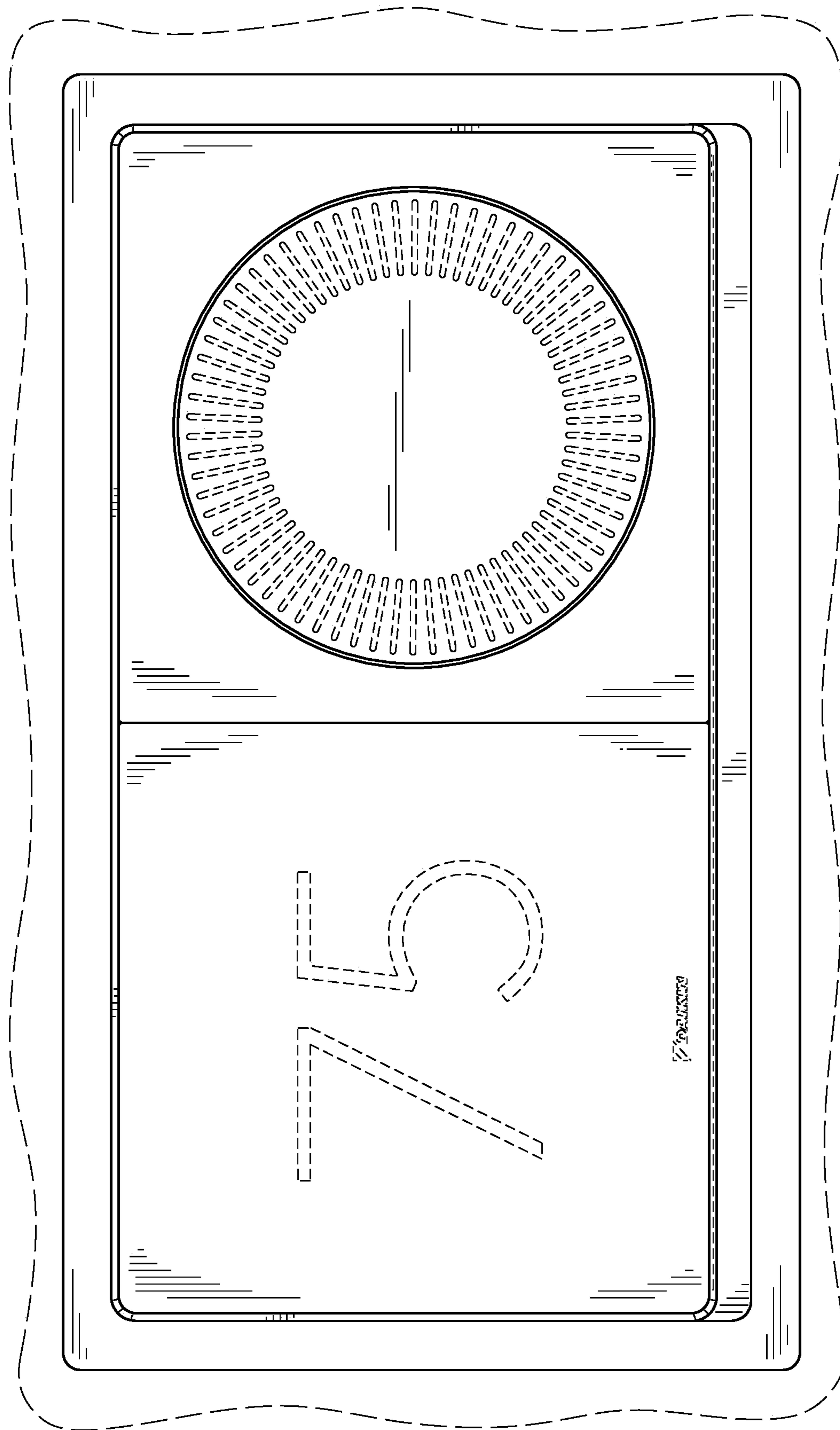


FIG. 1

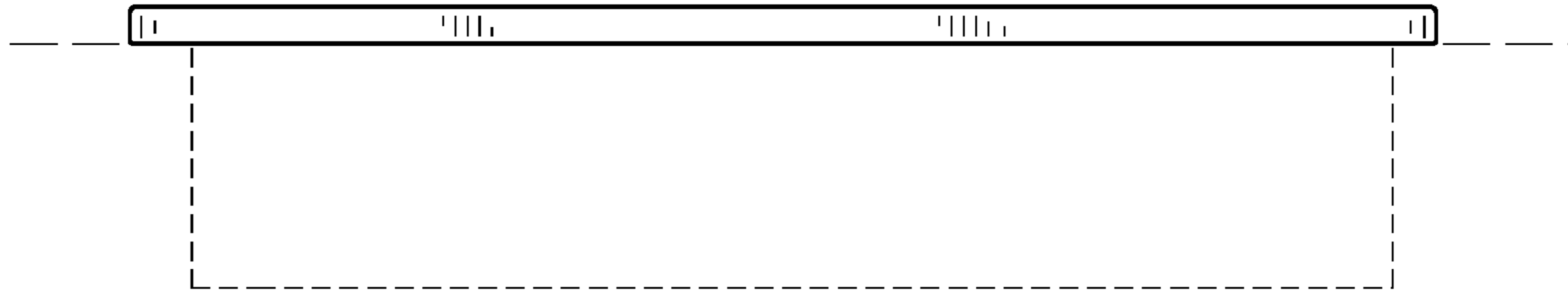


FIG. 3

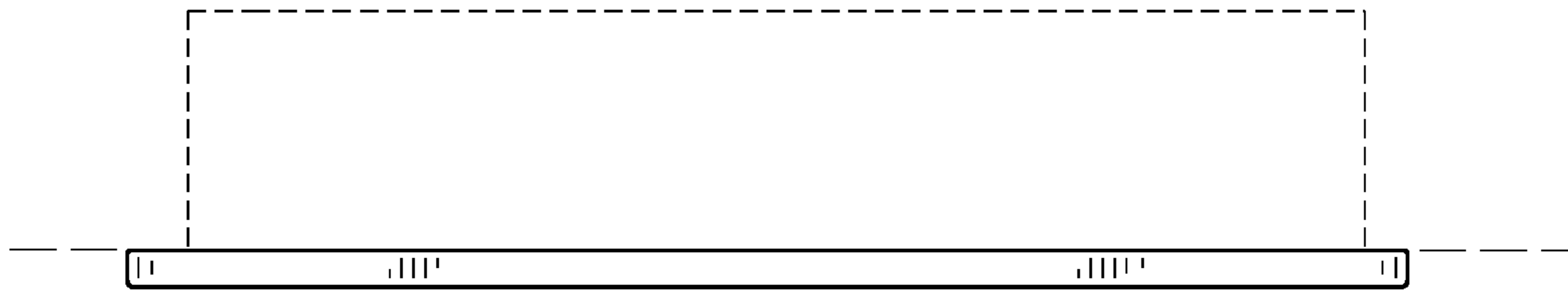


FIG. 2

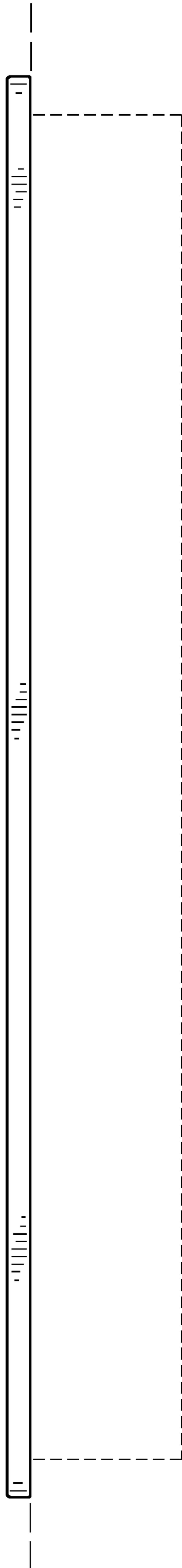


FIG. 4

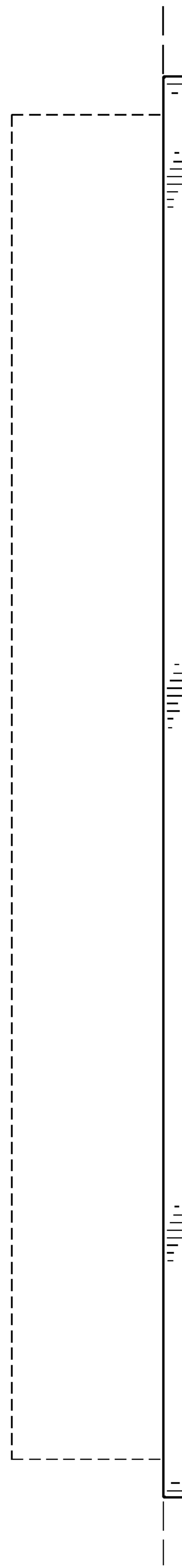


FIG. 5

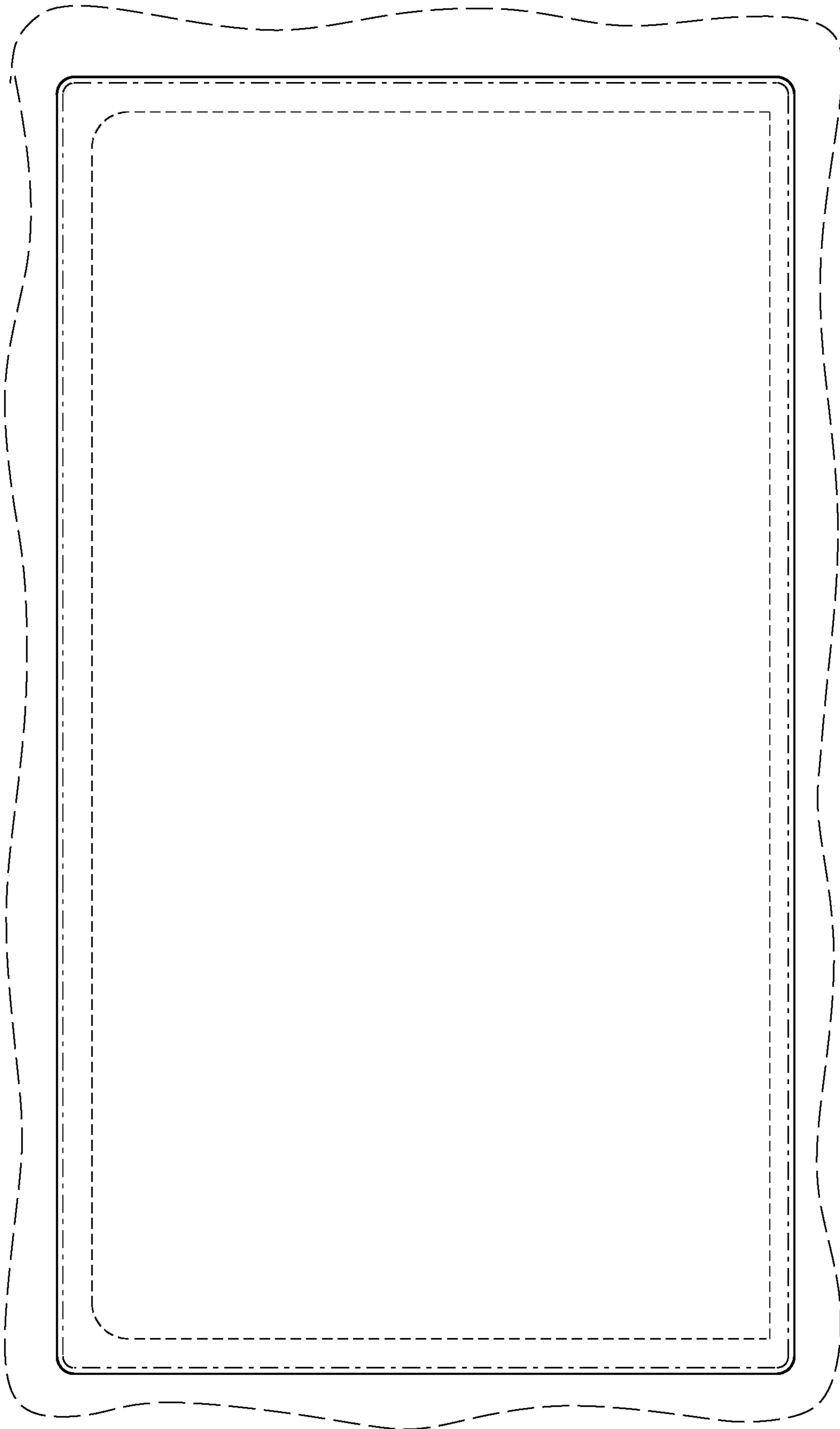


FIG. 6

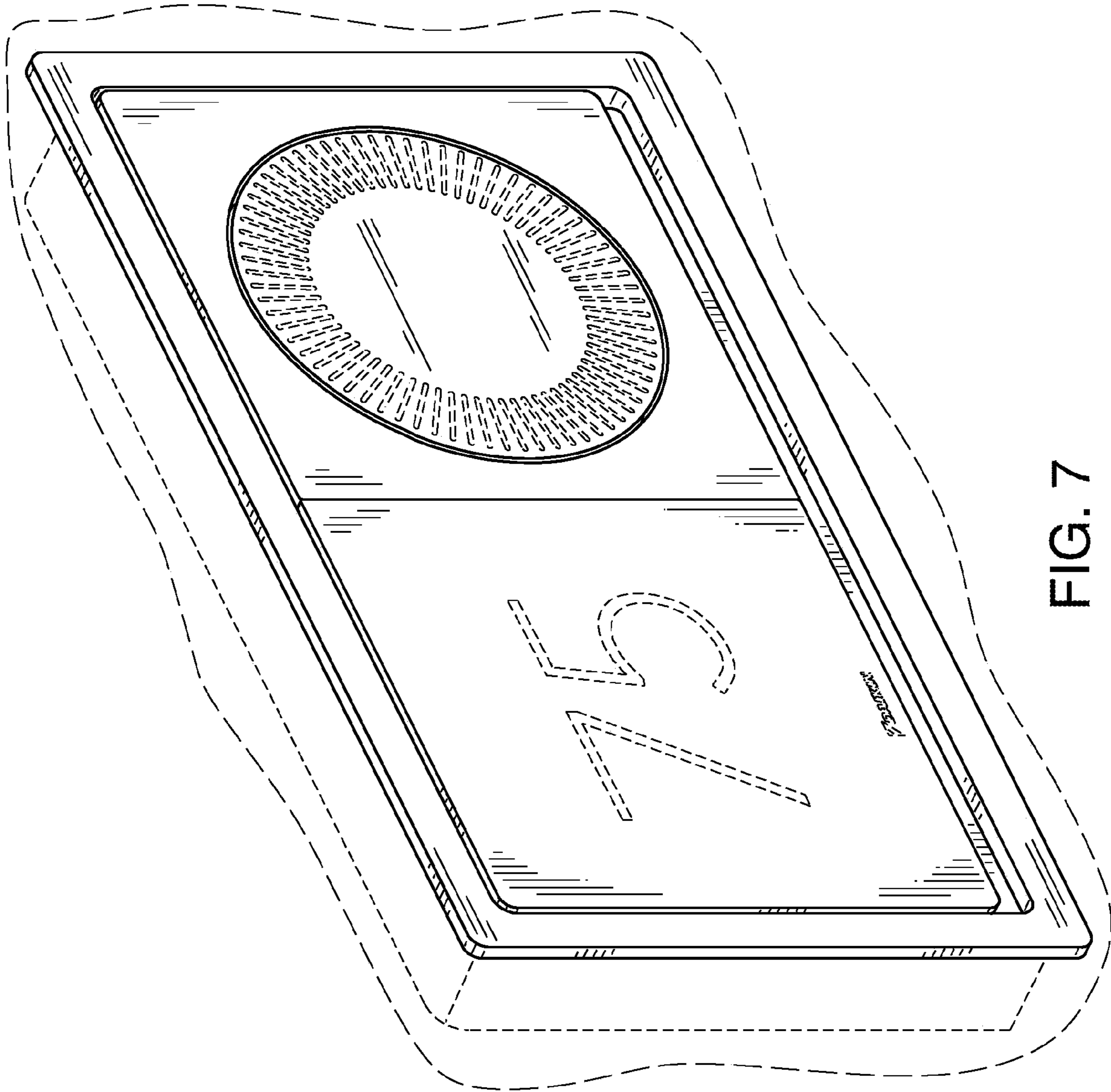


FIG. 7

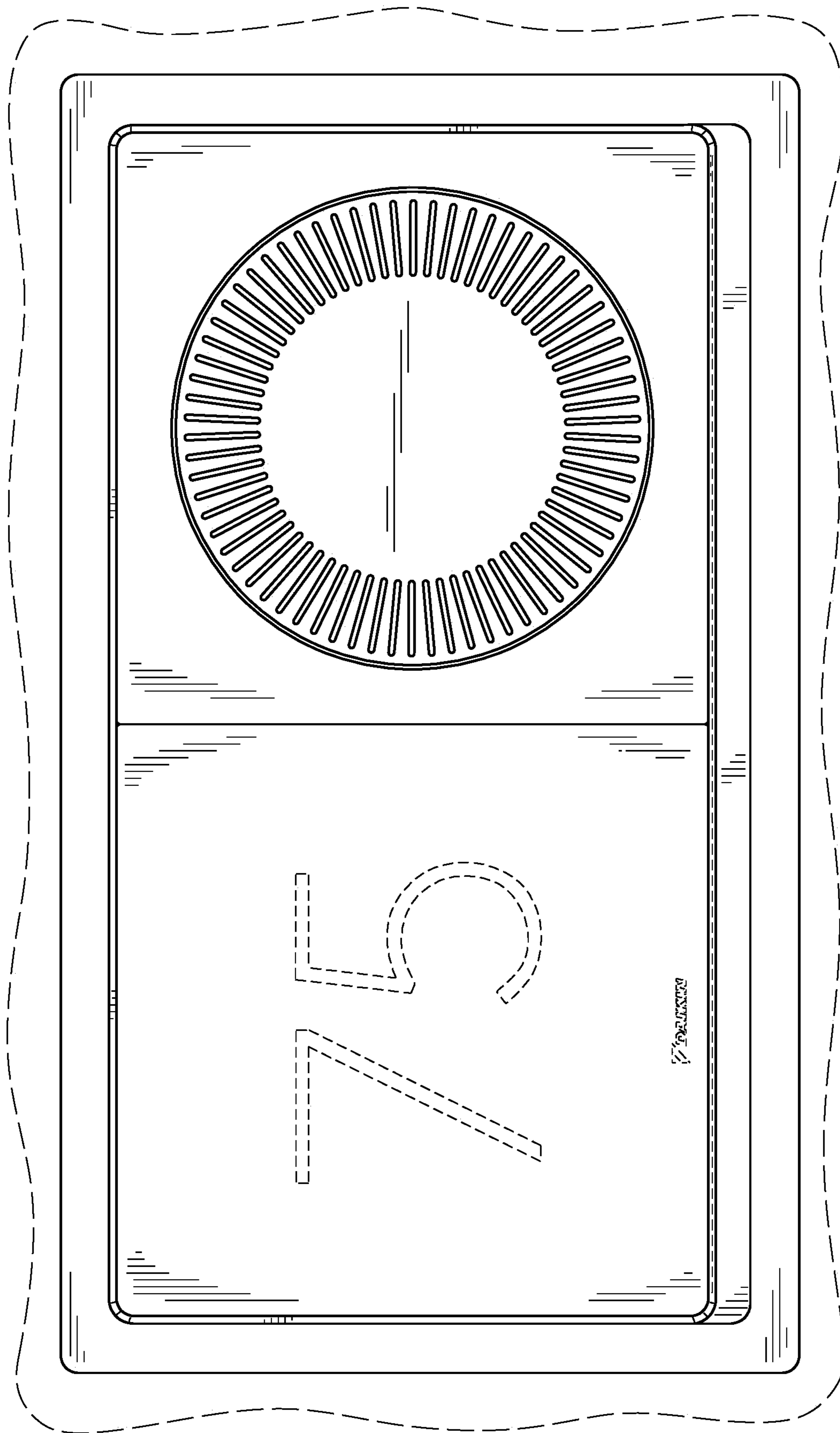


FIG. 8

