US00D925532S

(12) United States Design Patent

Endo et al.

(10) Patent No.: US D925,532 S
(45) Date of Patent: ** Jul. 20, 2021

(54) **TOUCH PANEL**

(71) Applicant: **SMK Corporation**, Tokyo (JP)

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(73) Assignee: **SMK Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/687,300**

(22) Filed: **Apr. 12, 2019**

(30) **Foreign Application Priority Data**

Nov. 13, 2018 (JP) 2018-024821

(51) **LOC (13) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/389**; D13/184

(58) **Field of Classification Search**
USPC D14/388, 389, 390, 318, 439, 443, 399, D14/336, 341, 342, 346, 356, 130, 218, D14/454, 455, 299, 371, 374, 378, 496, D14/432, 434, 457, 458; D21/324, 329, D21/333; D13/162, 164, 168, 182; D19/59–61, 113; D24/186; D10/46, 61, D10/65, 70, 104.1, 106.9, 106.95, 108; D8/330, 331
CPC G06F 3/041; G06F 3/0412; G06F 3/0414; G06F 3/0416; G06F 3/044; G06F 3/045; G06F 3/0488; G06F 3/03545; G06F 3/03547; G02F 1/1343; G02F 1/1344; H01L 29/458
See application file for complete search history.

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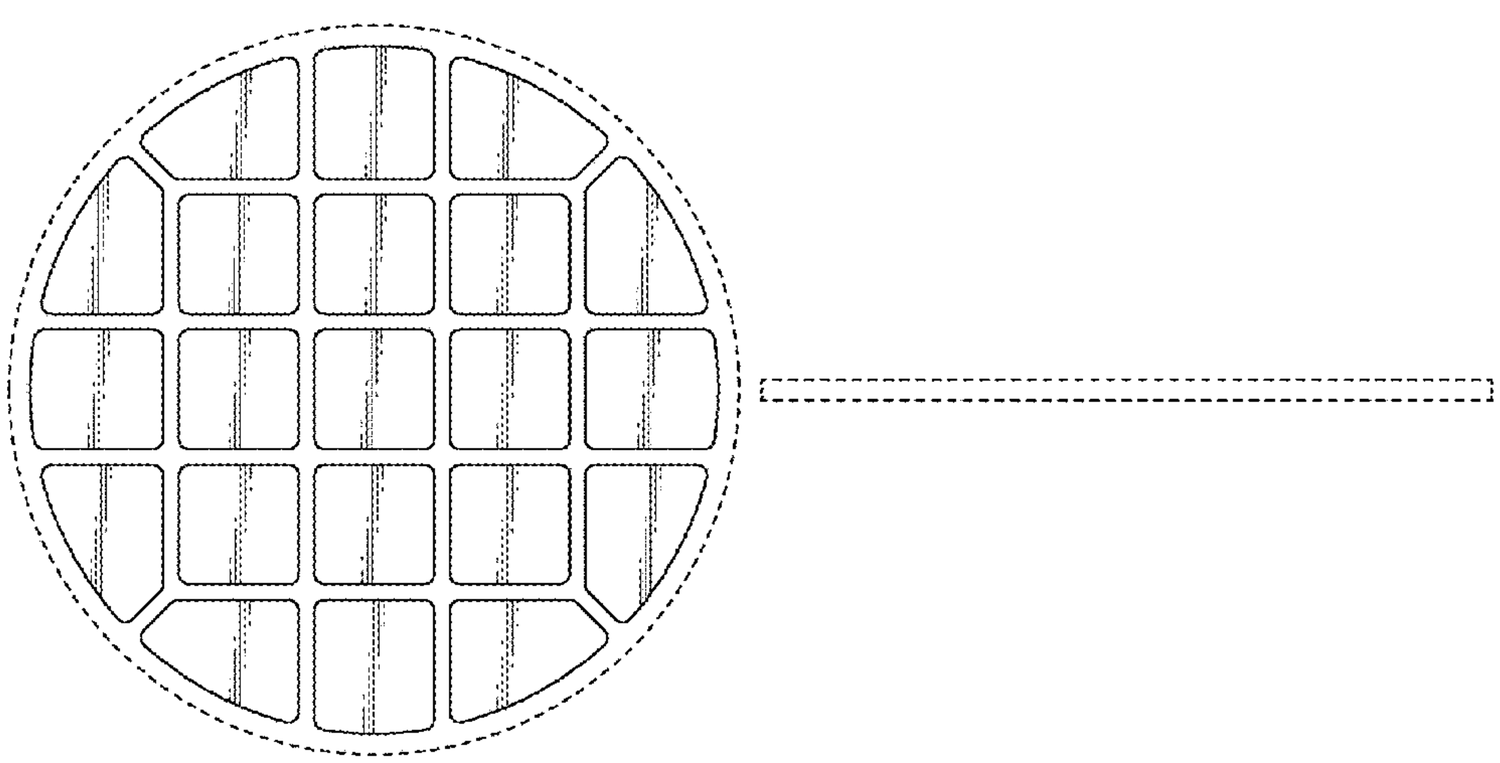
Primary Examiner — Marie D. Fast Horse

(57) **CLAIM**

The ornamental design for a touch panel, as shown and described.

DESCRIPTION

FIG. **1** is a front elevation view of a touch panel, showing our new design;
FIG. **2** is a top plan view thereof, the bottom side being a mirror image thereof;
FIG. **3** is a right side view thereof, the left side being a mirror image thereof; and,
FIG. **4** is a rear elevation view thereof.
The shading in the figures shows contour of surface, and not surface ornamentation.
The broken lines in the drawings depict portions of the touch panel that form no part of the claimed design.
The unshaded front-facing surface shown in-between the solid lines and the broken lines and in-between the electrodes forms no part of the claimed design.
(Continued)



The electrodes slightly protrude from the surface of the substrate. However, the protrusion is about 20 to 30 nm above the surface, thus being too small to be visible in the figures.

1 Claim, 4 Drawing Sheets

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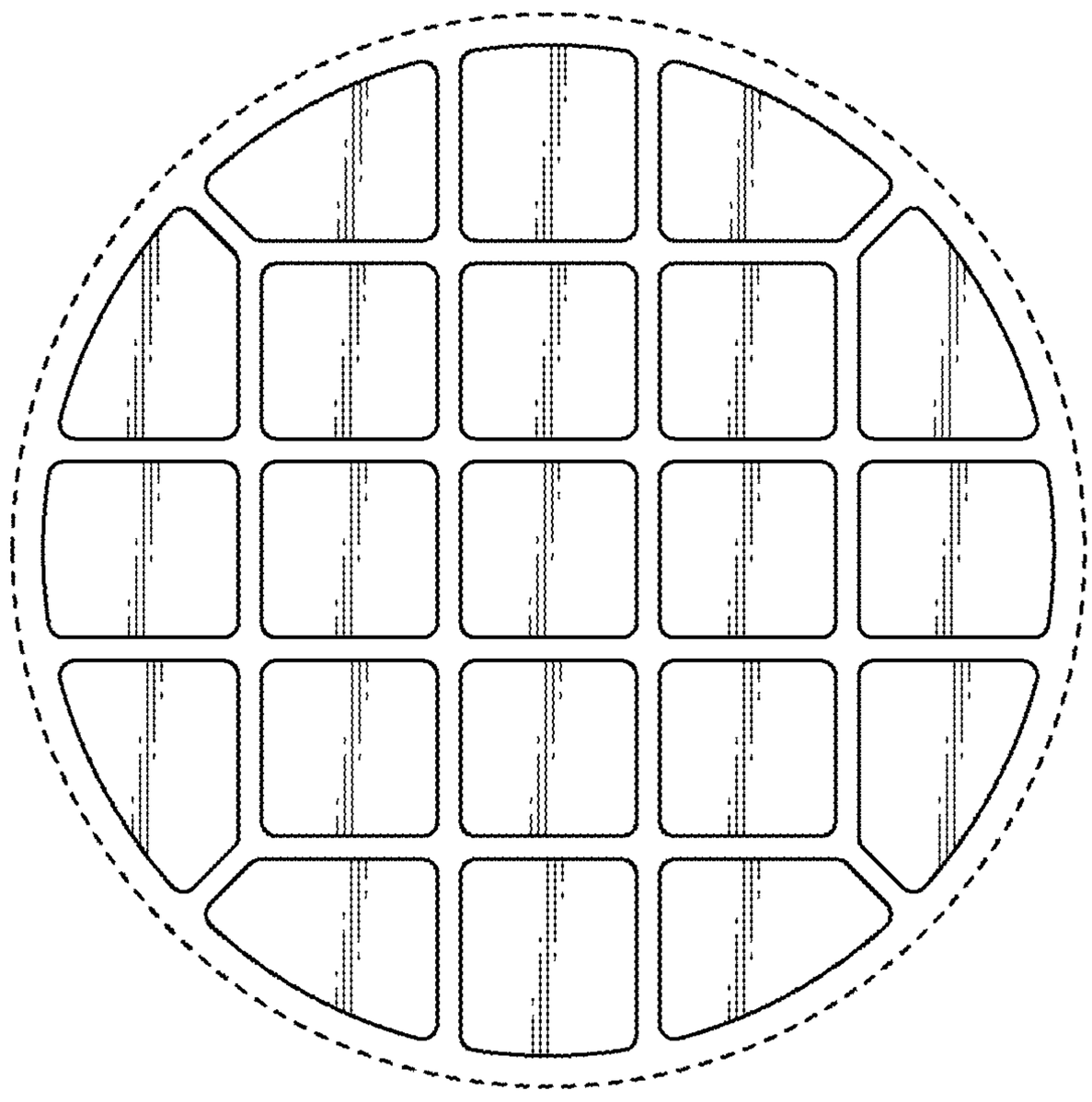

Fig.1

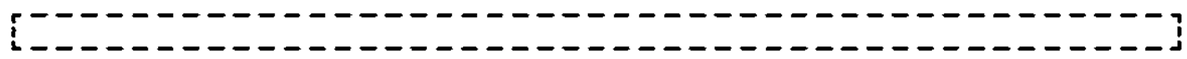

Fig.2

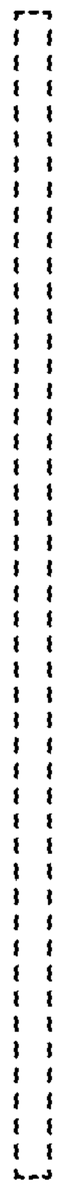

Fig.3

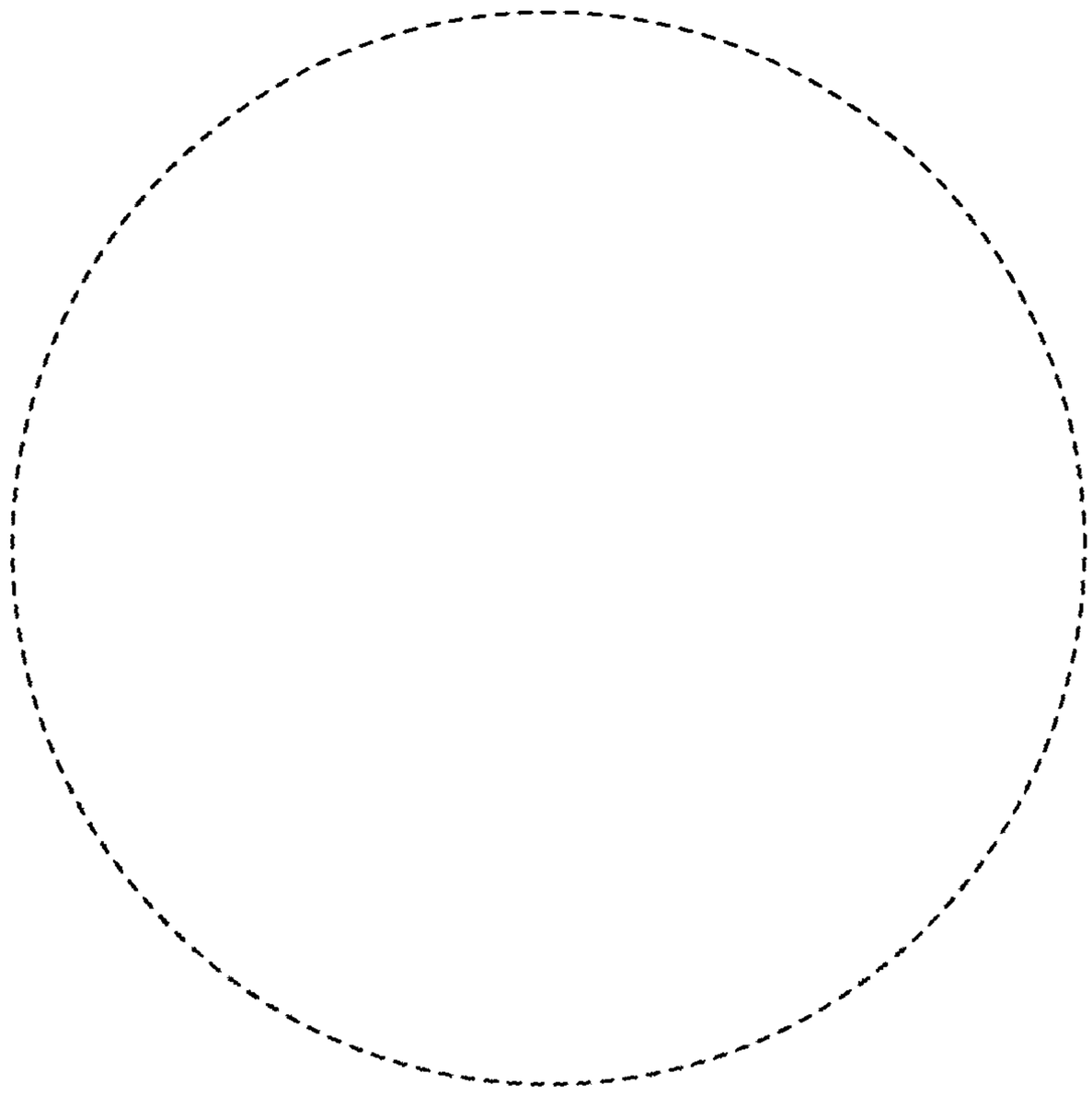

Fig.4