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(12) **United States Design Patent** (10) **Patent No.:** **US D812,242 S**
Chang et al. (45) **Date of Patent:** **** Mar. 6, 2018**

(54) **MICROFLUIDIC CARTRIDGE**

33/558; G01N 33/54366; G01N 33/53;
G01N 33/5438; G01N 33/54386

(71) Applicant: **Precision Nanosystems Inc.**, Vancouver (CA)

See application file for complete search history.

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

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(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/224**

(58) **Field of Classification Search**

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422/404, 408, 412, 417, 422, 500,
422/502–506, 552, 554, 559, 562;
436/165–166, 180, 501, 518; 435/283.1,
435/287.1, 287.2, 288.5, 288.7, 6.11,
435/289.1, 6.12, 29, 34, 4–5, 6.19, 7.1,
435/1.2; 204/403.01, 411, 450–453, 601;
356/246; 506/7, 9, 13, 18, 32, 33, 39;
73/864.91

CPC . A01N 1/0247; B01J 19/0046; B01J 19/0093;
B01L 9/52; B01L 9/527; B01L 3/02;
B01L 3/04; B29C 66/61; C12M 23/16;
C12Q 1/40; C12Q 1/686; C12Q 1/6837;
G01N 15/1484; G01N 21/03; G01N
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G01N 21/78; G01N 21/253; G01N

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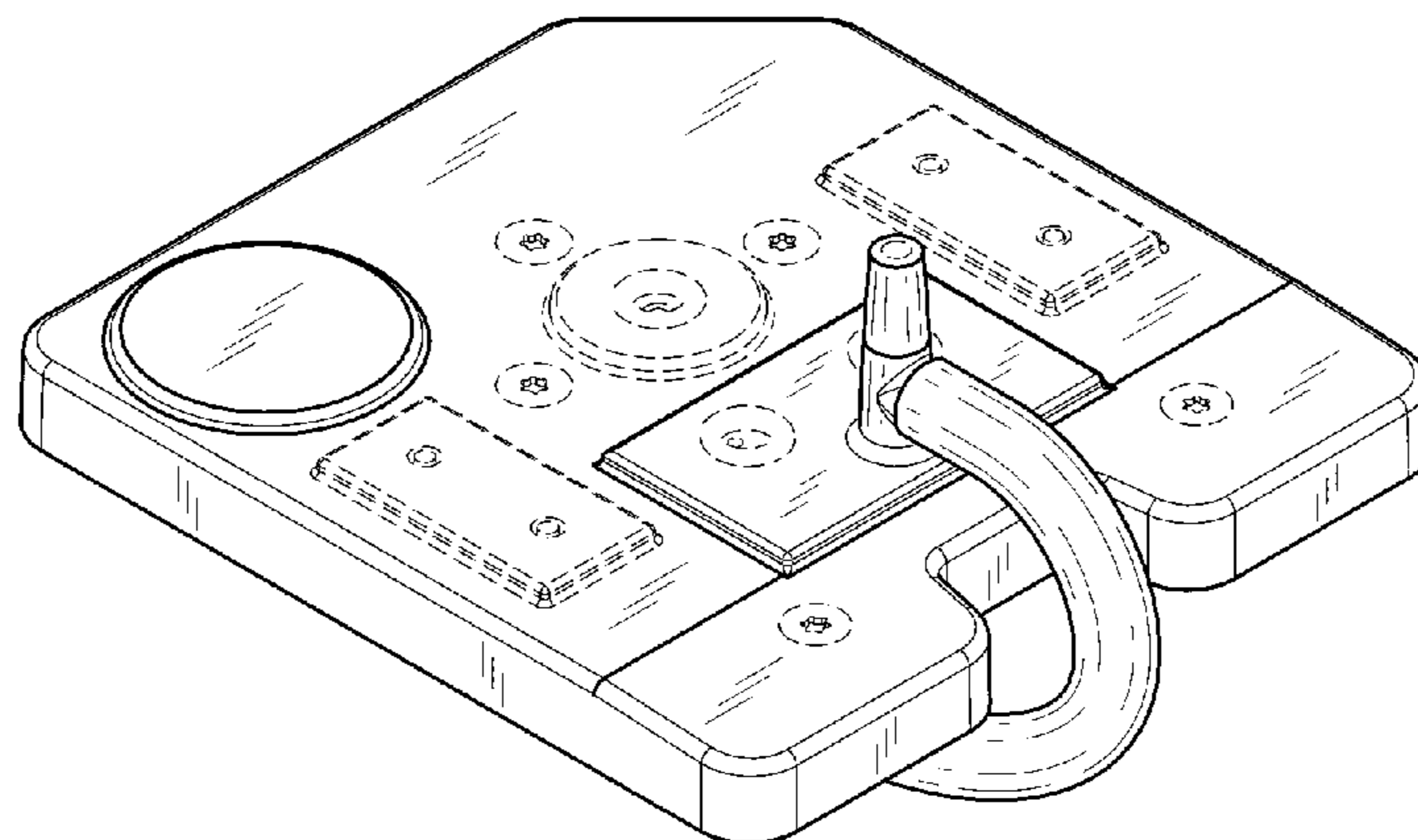
(57) **CLAIM**

The ornamental design for a microfluidic cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a top front right perspective view of a microfluidic cartridge showing our new design; FIG. 2 is a bottom plan view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a front elevation view thereof; FIG. 5 is a rear elevation view thereof; FIG. 6 is a left side elevation view thereof; and, FIG. 7 is a right side elevation view thereof. The broken lines are included for the purpose of illustrating portions of the microfluidic cartridge that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



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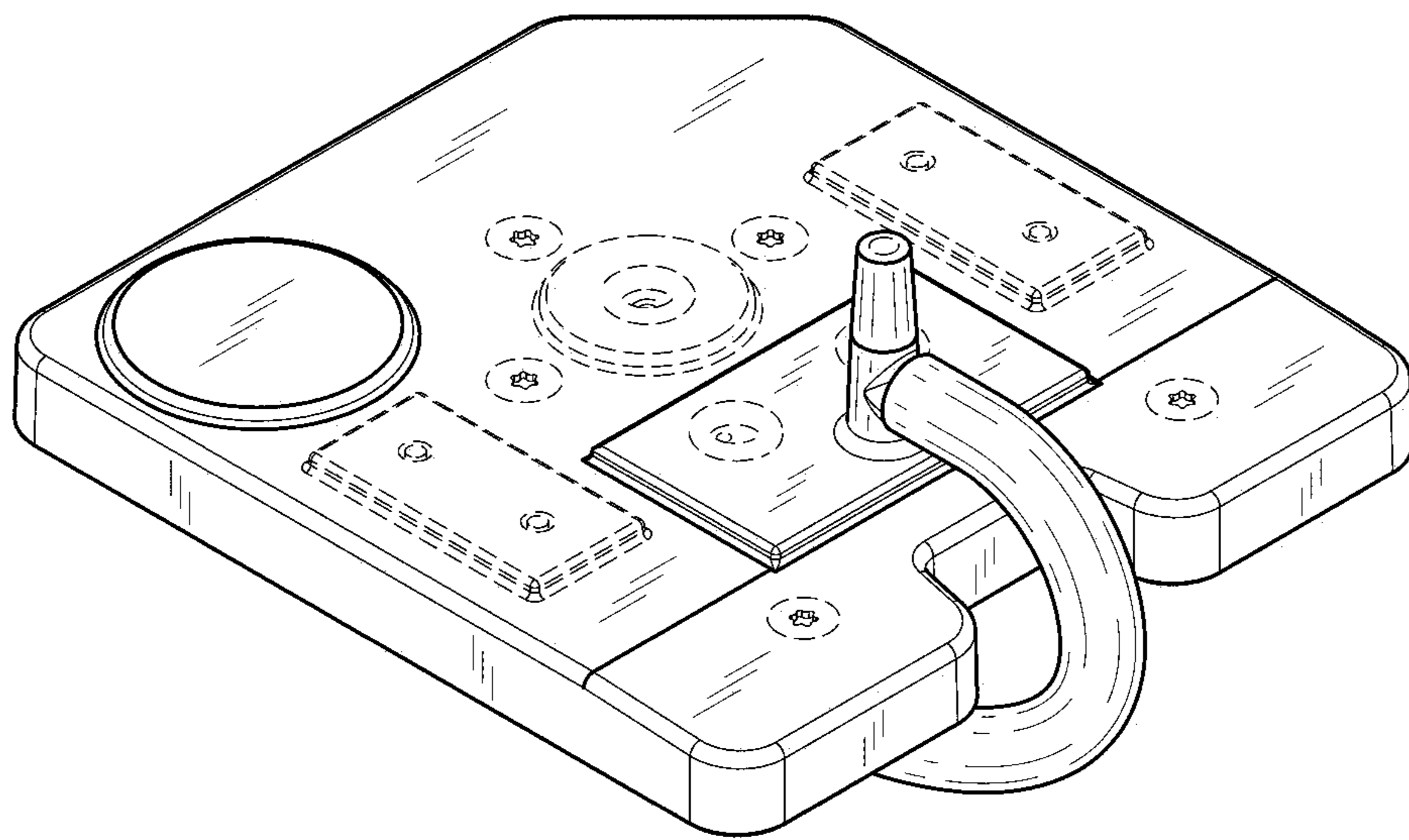


FIG. 1

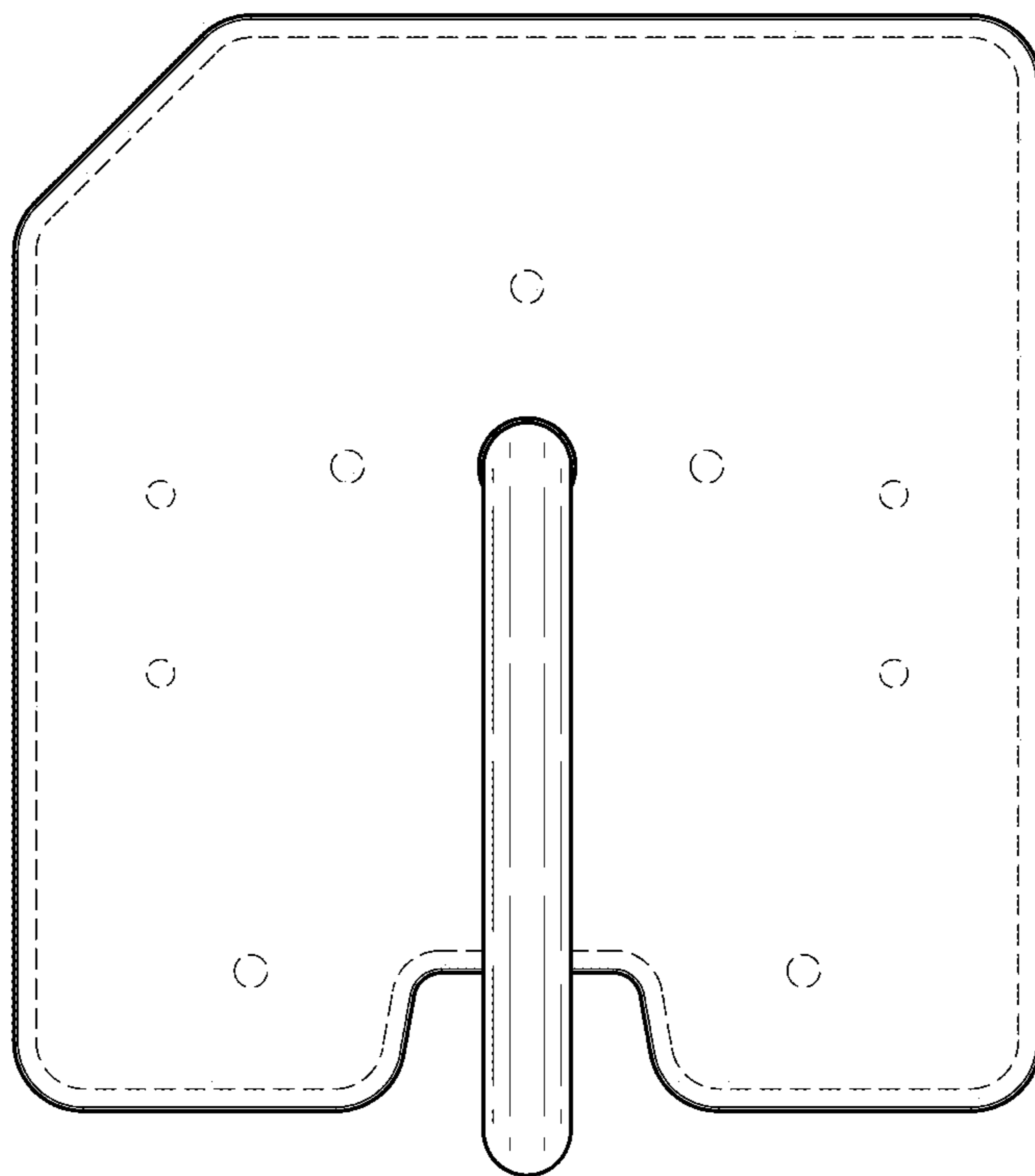


FIG. 2

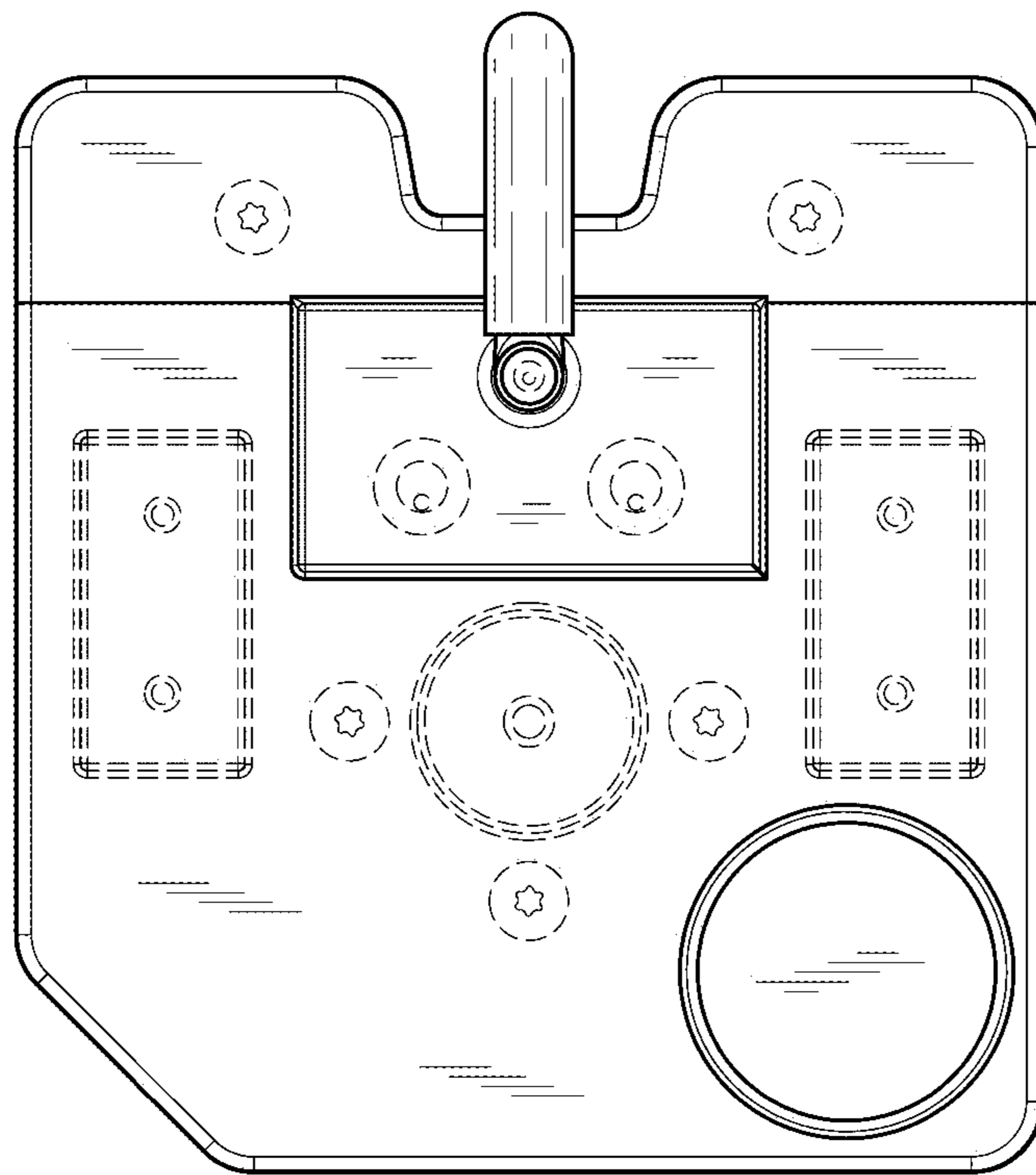


FIG. 3

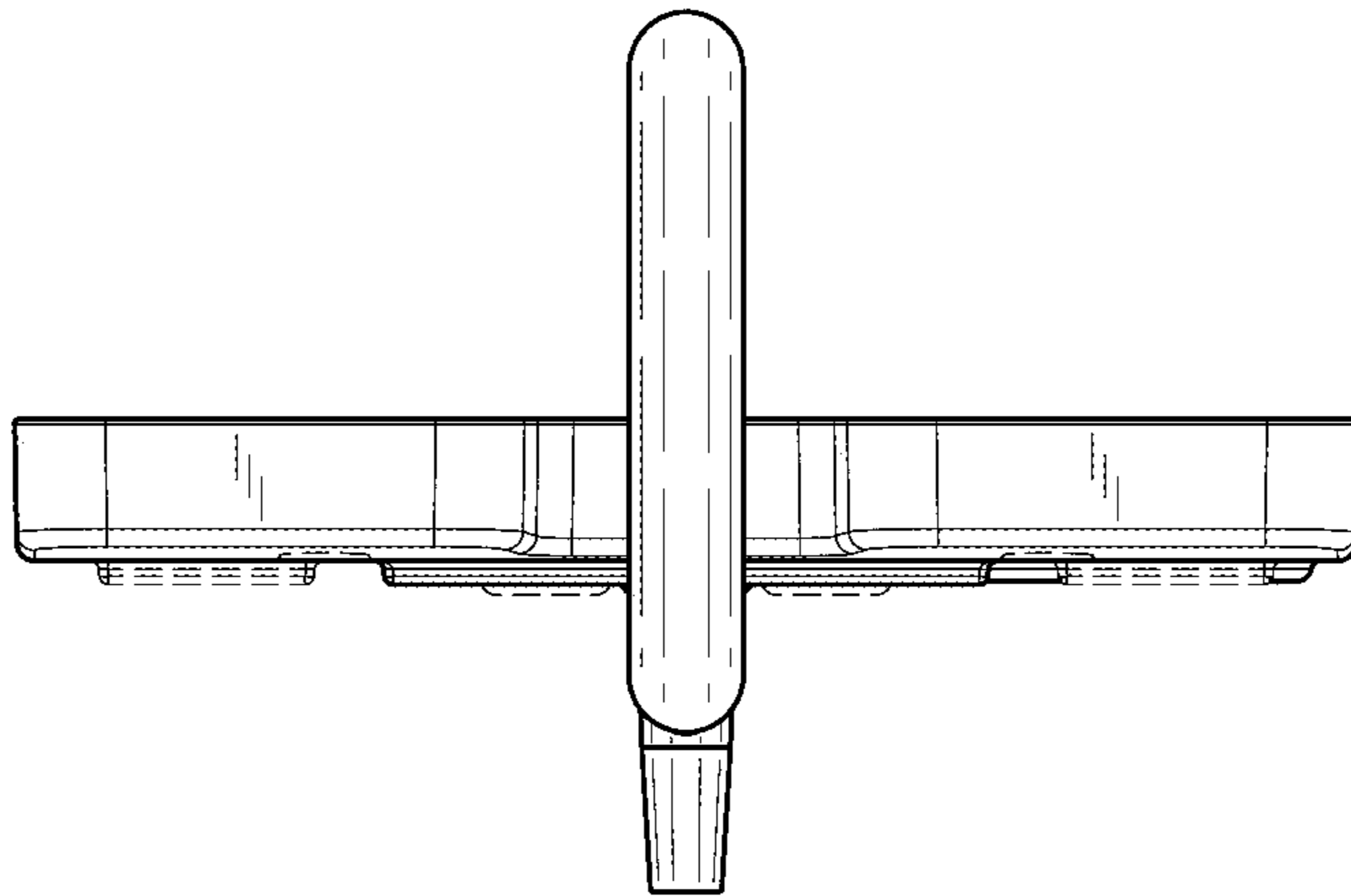


FIG. 4

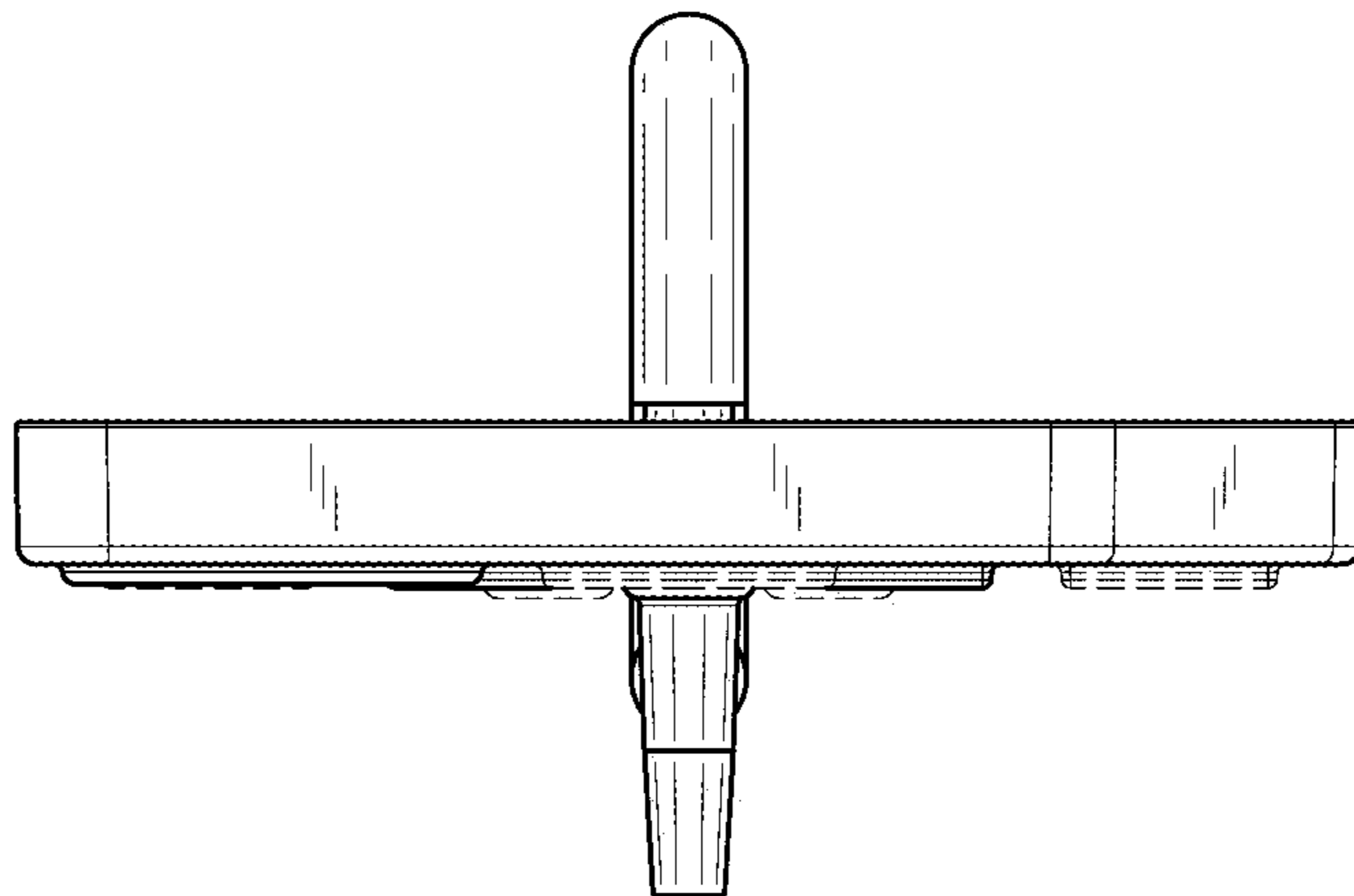


FIG. 5

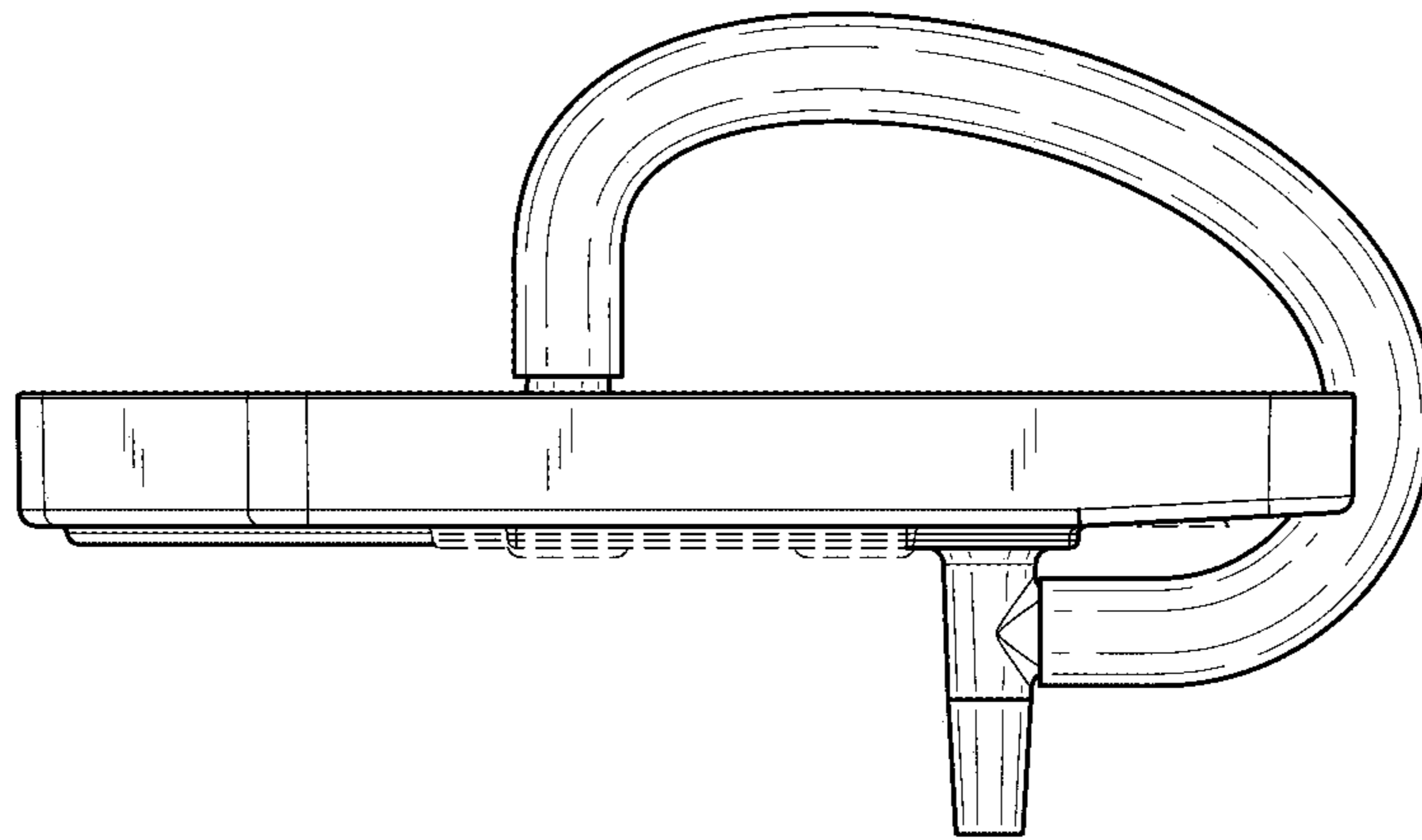


FIG. 6

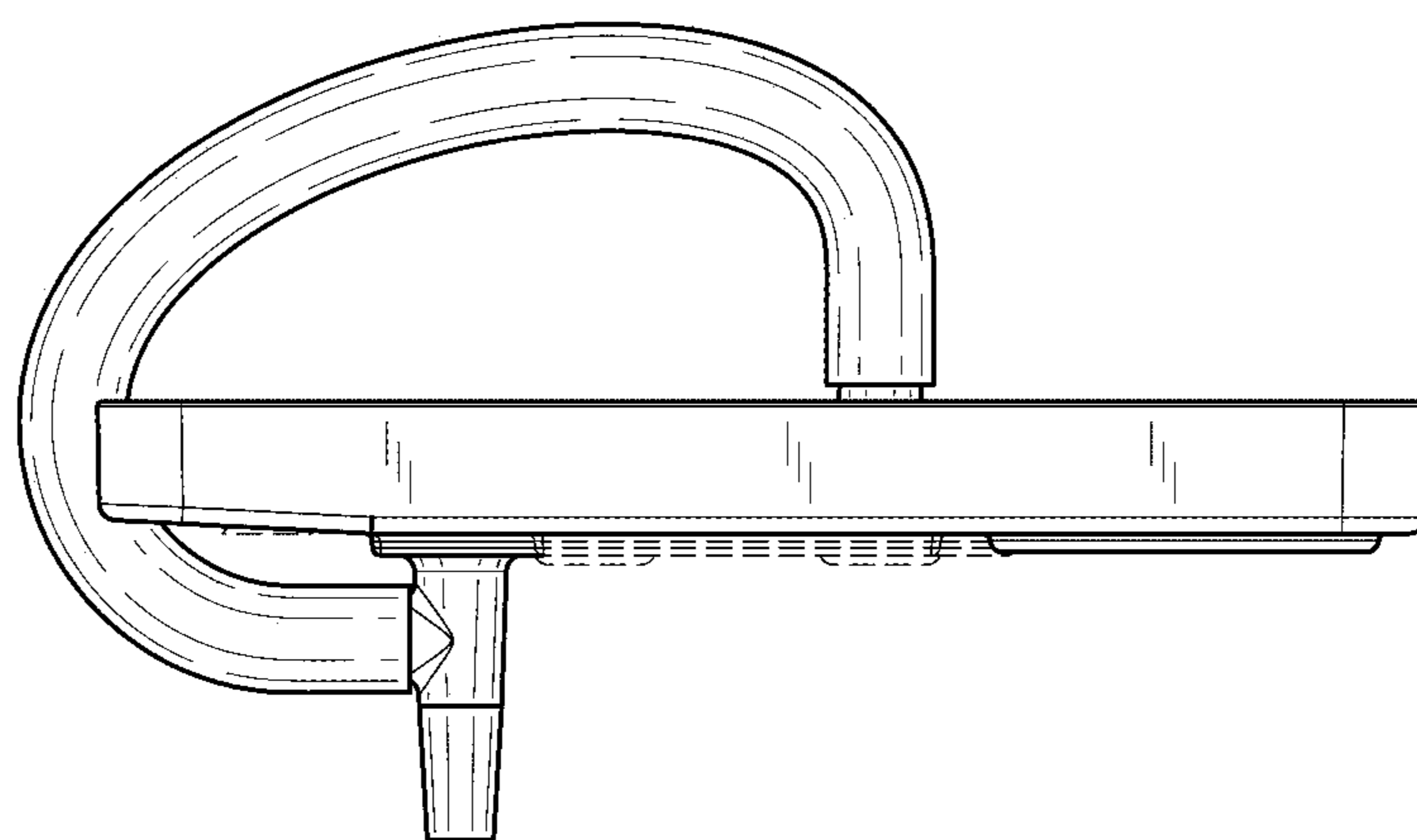


FIG. 7